

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | ECSCR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Synonyms                     | ARIA;ECSM2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description                  | Recombinant Human ECSCR Protein with C-terminal human Fc tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Uniprot ID                   | Q19T08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Tag                          | C-Human Fc Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Molecular Characterization   | ECSCR(Gln25-Val122) hFc(Glu99-Ala330)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Molecular Weight             | The protein has a predicted molecular mass of 36.0 kDa after removal of the signal peptide. The apparent molecular mass of ECSCR-hFc is approximately 35-70 kDa due to glycosylation.                                                                                                                                                                                                                                                                                                                                        |
| Purity                       | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                                                                                                                             |
| Storage & Shipping           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                                                                                                                                          |
| Background                   | The protein encoded by this gene is primarily found in endothelial cells and blood vessels, where it is involved in cell shape changes and EGF-induced cell migration. It can enhance the activation of vascular endothelial growth factor receptor-2/kinase insert domain receptor and also promote the proteolysis of internalized kinase insert domain receptor. This gene may play a role in angiogenesis-related diseases. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



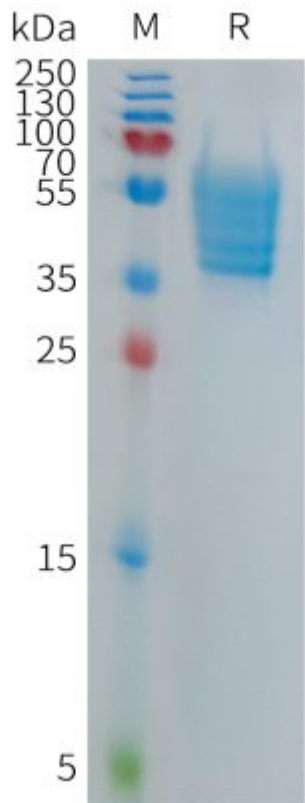


Figure 1.Human ECSCR Protein, hFc Tag on SDS-PAGE under reducing condition.

