

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | MSMP                                                                                                                                                                                                                                                                                     |
| Synonyms                     | PSMP                                                                                                                                                                                                                                                                                     |
| Description                  | Recombinant Human MSMP Protein with C-terminal human Fc tag                                                                                                                                                                                                                              |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                 |
| Uniprot ID                   | Q1L6U9                                                                                                                                                                                                                                                                                   |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                   |
| Tag                          | C-Human Fc Tag                                                                                                                                                                                                                                                                           |
| Molecular Characterization   | MSMP(Ser36-Ser139) hFc(Glu99-Ala330)                                                                                                                                                                                                                                                     |
| Molecular Weight             | The protein has a predicted molecular mass of 37.3 kDa after removal of the signal peptide. The apparent molecular mass of MSMP-hFc is approximately 35-55 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                   | This gene encodes a member of the beta-microseminoprotein family. Members of this protein family contain ten conserved cysteine residues that form intra-molecular disulfide bonds. The encoded protein may play a role in prostate cancer tumorigenesis. [provided by RefSeq, Jan 2011] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                        |



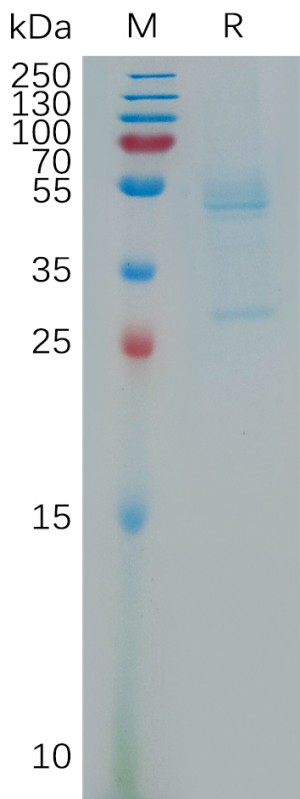


Figure 1. Human MSMP Protein, hFc Tag on SDS-PAGE under reducing condition.

