

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | IL2RA                                                                                                                                                                                                                                               |
| Synonyms                     | IL-2-RA;IL2-RA;p55;CD25;Il2ra                                                                                                                                                                                                                       |
| Description                  | Recombinant mouse IL2RA protein with C-terminal human Fc tag                                                                                                                                                                                        |
| Delivery                     | In Stock                                                                                                                                                                                                                                            |
| Uniprot ID                   | P01590                                                                                                                                                                                                                                              |
| Expression Host              | HEK293                                                                                                                                                                                                                                              |
| Tag                          | C-Human Fc Tag                                                                                                                                                                                                                                      |
| Molecular Characterization   | Mouse IL2RA(Glu22-Lys236) hFc(Glu99-Ala330)                                                                                                                                                                                                         |
| Molecular Weight             | The protein has a predicted molecular mass of 50.8 kDa after removal of the signal peptide. The apparent molecular mass of mIL2RA-hFc is approximately 70-100 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                   | Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.[UniProtKB/Swiss-Prot Function]  |
| Usage                        | Research use only                                                                                                                                                                                                                                   |



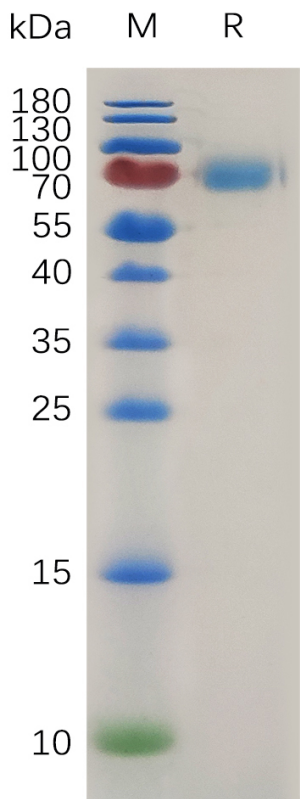


Figure 1. Mouse IL2RA Protein, hFc Tag on SDS-PAGE under reducing condition.

