

PRODUCT INFORMATION

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| 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 |
| Conjugate | Unconjugated |



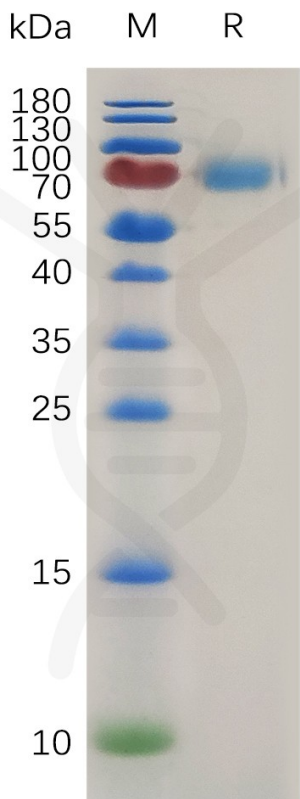


Figure 1. Mouse IL2RA Protein, hFc Tag on SDS-PAGE under reducing condition.

