

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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
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



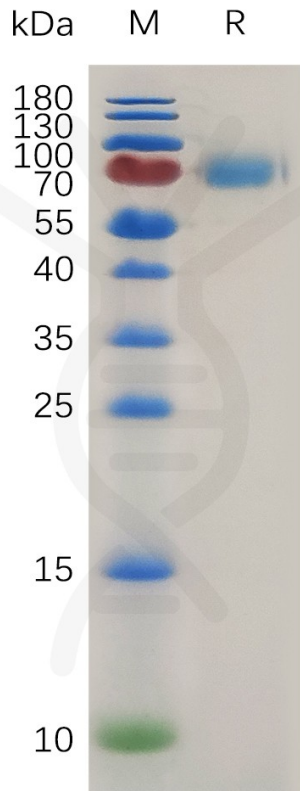


Figure 1. Mouse IL2RA Protein, hFc Tag on SDS-PAGE under reducing condition.

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