

## Active Recombinant Mouse IL2RA protein(Met1-Lys236), His-tagged

Cat. No. IL2RA-1246M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse IL2RA (NP_032393.3) extracellular domain (Met 1-Lys 236) was expressed in HEK293, with a C-terminal polyhistidine tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Lys236
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Immobilized Recombinant Human IL2 Protein, Low Endotoxin at 2 µg/ml (100 µl/well) can bind Recombinant Mouse IL2RA / CD25 Protein (ECD, His Tag), The EC50 is 410-900 ng/mL.
<b>Molecular Mass</b>	The secreted recombinant Mouse IL2RA comprises 226 amino acids with a predicted molecular mass of 26 kDa. As a result of glycosylation, the apparent molecular mass of the rm IL2RA is approximately 50-55 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 98 % as determined by SDS-PAGE

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** IL2ra interleukin 2 receptor, alpha chain [ *Mus musculus* ]

**Official Symbol** IL2RA

**Synonyms** IL2RA; interleukin 2 receptor, alpha chain; interleukin-2 receptor subunit alpha; IL2-RA; IL-2-RA; p55 chain; IL-2R alpha chain; IL-2R subunit alpha; IL-2 receptor subunit alpha; CD25; IL2r; Ly-43; MGC130561;

**Gene ID** 16184

**mRNA Refseq** NM\_008367

**Protein Refseq** NP\_032393

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