

Active Recombinant Mouse Il2ra protein(Met1-Lys236), hFc-tagged

Cat. No. Il2ra-5704M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL2RA (NP_032393.3) (Met1-Lys236) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys236
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Recombinant Human IL2 Protein, Low Endotoxin at 2 µg/ml (100 µl/well) can bind Recombinant Mouse CD25 / IL2RA Protein (Fc Tag). The EC50 is 28-90 ng/mL.
Molecular Mass	The recombinant mouse IL2RA consists of 453 amino acids and predicts a molecular mass of 51.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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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