

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

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

SPECIFICATION

Product Overview	Recombinant Mouse IL2RA (NP_032393.3) extracellular domain (Met 1-Lys 236) was expressed in HEK293, with a C-terminal polyhistidine tag.
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 IL2RA / CD25 Protein (ECD,His Tag), The EC50 is 410-900 ng/mL.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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