

Recombinant Mouse Il2rg protein, His&hFc-tagged

Cat. No. Il2rg-784M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il2rg protein(NP_038591.1)(Met1-Ala263), fused with His&hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala263
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse IL2RG/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 489 amino acids and has a predicted molecular mass of 56.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IL2RG/Fc monomer is approximately 75-85 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % 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 IL2rg interleukin 2 receptor, gamma chain [*Mus musculus*]

Official Symbol IL2rg

Synonyms

IL2RG; interleukin 2 receptor, gamma chain; cytokine receptor common subunit gamma; p64; IL-2RG; gammaC; gamma C receptor; common gamma chain; IL-2R subunit gamma; IL-2 receptor subunit gamma; common cytokine receptor gamma chain; interleukin-2 receptor subunit gamma; gc; [g]c; CD132; gamma(c);

Gene ID 16186

mRNA Refseq NM_013563

Protein Refseq NP_038591

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