

Recombinant Mouse IL2RG protein(Met1-Ala263), hFc-tagged

Cat. No. IL2RG-1356M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL2RG (NP_038591.1) (Met1-Ala263) was expressed in HEK293 with the fused Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala263
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Mouse IL2RG consists of 477 amino acids and predicts a molecular mass of 54.68 kDa. It migRates as an approximately 78.24 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
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

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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 [<i>Mus musculus</i>]
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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