

Recombinant Rat IL2rg protein, hFc-tagged

Cat. No. IL2rg-7456R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL2rg protein(Q68FU6)(Met1-Ala262), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ala262
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.
Molecular Mass	The recombinant rat IL2RG/Fc is a disulfide-linked homodimer. The reduced monomer comprises 479 amino acids and predicts a molecular mass of 55 kDa. The apparent molecular mass of the recombinant protein is approximately 67 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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.

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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 [<i>Rattus norvegicus</i>]
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Official Symbol	Il2rg
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Synonyms	IL2RG; interleukin 2 receptor, gamma; cytokine receptor common subunit gamma; interleukin 2 receptor, gamma (severe combined immunodeficiency); Cd132; Ab2-183;
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Gene ID	140924
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mRNA Refseq	NM_080889
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Protein Refseq	NP_543165
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