

## Recombinant Rat Il2rg protein, His-tagged

**Cat. No.** Il2rg-7457R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Il2rg protein(Q68FU6)(Met1-Ala262), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala262
<b>Form</b>	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.
<b>Molecular Mass</b>	The recombinant rat IL2RG comprises 249 amino acids and predicts a molecular mass of 29.5 kDa. The apparent molecular mass of the recombinant protein is approximately 41-50 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 99 % as determined by SDS-PAGE
<b>Storage</b>	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

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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 [ *Rattus norvegicus* ]

**Official Symbol** IL2rg

**Synonyms** IL2RG; interleukin 2 receptor, gamma; cytokine receptor common subunit gamma; interleukin 2 receptor, gamma (severe combined immunodeficiency); Cd132; Ab2-183;

**Gene ID** 140924

**mRNA Refseq** NM\_080889

**Protein Refseq** NP\_543165

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