

Recombinant Human IL2RG protein, His-Avi-tagged

Cat. No. IL2RG-785H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD132 Protein is expressed from mammalian with His Tag and Avi Tag at the C-terminal. It contains Leu 23-Asn 254.
Species	Human
Source	HEK293
ProteinLength	Leu 23-Asn 254
Description	The gamma chain of the high affinity functional human IL-2 receptor complex belongs to the hematopoietin receptor family. IL-2 R gamma is a 369 amino acid residue protein consisting of a 22 residue signal sequence, a 232 residue extracellular domain, a 29 residue transmembrane domain and an 86 residue cytoplasmic domain. Although IL-2 R gamma by itself does not bind IL-2 with any appreciable affinity, it is required for IL-2 receptor signaling.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 39.9 KDa. Due to glycosylation, the protein migrates to 58- 70KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.2 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name IL2RG interleukin 2 receptor subunit gamma [Homo sapiens (human)]

Official Symbol IL2RG

Synonyms CD132 antigen; CD132; CIDX; combined immunodeficiency, X-linked; common cytokine receptor gamma chain; Common gamma Chain; common gamma-chain; cytokine receptor common subunit gamma; gamma(c); IL-2 R gamma; IL-2 receptor subunit gamma; IL2R gamma; IL-2R subunit gamma; IL2RG; IL-2RG; IMD4; interleukin 2 receptor, gamma; Interleukin-2 receptor subunit gamma; P64; SCIDX; SCIDX1; severe combined immunodeficiency.

Gene ID 3561

mRNA Refseq NM_000206.3

Protein Refseq NP_000197.1

MIM 308380

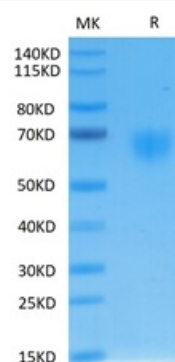
UniProt ID P31785

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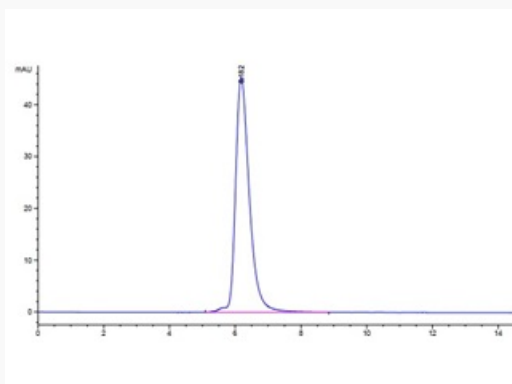
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**Tris-Bis PAGE of
IL2RG-785H**



**SEC-HPLC of IL2RG-
785H**



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