

RPCB0765

Product Information

Product SKU:	RPCB0765	Gene ID:	3561	Size:	10µg
Tag:	C-hFc&His	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P31785
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: The gamma chain of the high affinity functional human IL-2 receptor complex belongs to the hematopoietin receptor family. The common gamma chain (γc) (or CD132), also known as interleukin-2 receptor subunit gamma or IL2RG, is a member of the type I cytokine receptor family expressed on most lymphocyte (white blood cell) populations, and its gene is found on the X-chromosome of mammals. IL2RG 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. IL2RG is a cytokine receptor sub-unit that is common to the receptor complexes for at least six different interleukin receptors: IL-2, IL-4, IL-7, IL-9, IL-15 and interleukin-21 receptor. It has been proposed that IL2RG be designated the common gamma chain (γc). The site of molecular defects in X-linked SCID (severe combined immunodeficiency) has now been mapped to the IL-2 R gamma gene.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human IL-2RG/CD132 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Contact Details | Dublin, Ireland

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Storage:

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.