Genomeditech (Shanghai) Co., Ltd.
Order: +86 021-50432825/50432826
Email: service@genomeditech.com

Product Sheet

Cynomolgus IL-2RG Protein; His Tag

GM-88633RP-100 / 100 μg
GM-88633RP-1000 / 1 mg

Product Information

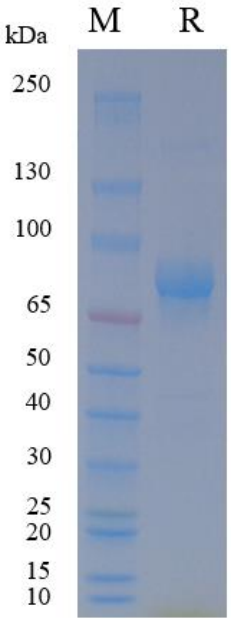
Product Name	Cynomolgus IL-2RG Protein; His Tag
Source	Cynomolgus IL-2RG Protein; His Tag (GM-88633RP) is expressed from human 293 cells (HEK-293). It contains AA Leu 23 - Pro 255 (Accession # A0A2K5VGJ6). This protein carries a His tag at the C-terminus.
Predicted MW	28.3 kDa
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/μg, determined by LAL gel clotting assay
Formulation	Liquid; Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Storage	Store at ≤ -70℃, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Shipping	Shipped on dry ice.
Synonyms	IL2RG, CD132, CIDX, IMD4, P64, SCIDX, SCIDX1, gammaC
Background	Interleukin-2 receptor subunit gamma (IL-2RG), also known as the common gamma chain (γc) or CD132, is a single-pass type I transmembrane glycoprotein of the cytokine receptor family. It serves as an indispensable shared signaling subunit that pairs with ligand-specific chains to assemble receptors for IL-2, IL-4, IL-7, IL-9, IL-15 and IL-21. Its extracellular fibronectin type-III domain and WSXWS motif govern folding and surface expression, whereas a membrane-proximal box 1 motif recruits Janus kinase 3. Ligand engagement triggers JAK3-dependent STAT phosphorylation, notably STAT5, orchestrating lymphocyte development, proliferation and survival. Loss-of-function variants abolish T and natural killer cell development, causing X-linked severe combined immunodeficiency.

Version 4.0.26.1020

For research use only!

Data

Purity



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Related Products

IL-15	
H_IL15 Reporter Cell Line	Cynomolgus_CD122 HEK-293 Cell Line
H_CD122 CD132 CHO-K1 Cell Line	H_CD122 CHO-K1 Cell Line
H_CD122 HEK-293 Cell Line	H_CD215(IL15RA) HEK-293 Cell Line
IL-2	
H_CD122 CD132 Reporter 293 Cell Line	H_CD122 CD132 Reporter Cell Line
H_CD25 CD122 CD132 Reporter 293 Cell Line	H_CD25 CD122 CD132 Reporter Cell Line
H_CD25 CD122 CD132 Reporter Jurkat(hPD1 OE) Cell Line	H_IL2 Reporter Cell Line
H_IL2 Reporter DDX35TM Cell Line	Cynomolgus_CD25 HEK-293 Cell Line
H_CD25 CHO-K1 Cell Line	H_CD25 HEK-293 Cell Line
Anti-CD122 hIgG1 Antibody(HuABC-2)	Anti-CD132(IL2RG) hIgG4 Antibody(REGN7257)
Anti-CD25 hIgG1 Antibody(Basiliximab)	Anti-IL2 hIgG1 Antibody (imneskibart)
Anti-mouse CD25 mIgG2a Antibody(PC-61.5.3)	Anti-mouse CD25 RIgG1 Antibody(PC-61.5.3)
Anti-PD1-IL2v Fusion hIgG1 Antibody(2149)	Anti-PD1-IL2v Fusion hIgG1 Antibody(KY-0118)
Cynomolgus IL-2 Protein; hFc Tag	Cynomolgus IL-2 Protein; His Tag
Cynomolgus IL-2RA Protein; hFc Tag	Cynomolgus IL-2RA Protein; His Tag
Cynomolgus IL-2RB Protein; His Tag	Human IL-2 Protein; hFc Tag
Human IL-2 Protein; His Tag	Human IL-2RA Protein; hFc Tag
Human IL-2RA Protein; His Tag	Human IL-2RB Protein; His Tag
Human IL-2RG Protein; His Tag	Mouse IL-2 Protein; His Tag

Genomeditech