

Product datasheet for **TP727059**

IL2 Receptor gamma (IL2RG) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human IL-2 Receptor Subunit γ /IL-2RG/CD132 (C-Fc-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu23-Ala262
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mMPB,150mMNaCl,pH 7.4.
Note:	Recombinant Human Cytokine receptor common subunit gamma is produced by our Mammalian expression system and the target gene encoding Leu23-Ala262 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	3561
UniProt ID:	P31785
Synonyms:	Cytokine receptor common subunit gamma; Interleukin-2 receptor subunit gamma; gammaC; P64; CD132 and IL2RG
Summary:	IL2RG contains one fibronectin type-III domain. IL2RG is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. IL2RG interacts with SHB upon interleukin stimulation and HTLV-1 accessory protein p12I. Defects in IL2RG are the cause of X-linked combined immunodeficiency (XCID) and severe combined immunodeficiency X-linked T-cell-negative /B-cell-positive / NK-cell-negative (XSCID).
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Endocytosis, Jak-STAT signaling pathway, Primary immunodeficiency



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