

Recombinant Human IL2RG/CD132 Protein (Fc & His Tag)



Catalog Number: PKSH032573

Note: Centrifuge before opening to ensure complete recovery of vial contents.

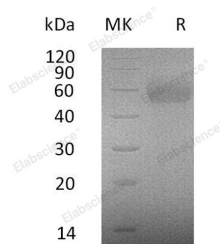
Description

Synonyms	Cytokine receptor common subunit gamma; Interleukin-2 receptor subunit gamma; gammaC; P64; CD132; IL2RG; SCIDX; SCIDX1; CIDX
Species	Human
Expression Host	HEK293 Cells
Sequence	Leu23-Ala262
Accession	P31785
Calculated Molecular Weight	29.3 kDa
Observed molecular weight	45-85 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

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).

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