



Recombinant Protein Technical Manual

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

RPES1208

Product Data:

Product SKU: RPES1208

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P31785

Protein Information:

Molecular Mass: 29.3 kDa

AP Molecular Mass: 57 kDa

Tag: C-Fc-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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 PBS, pH 7.4 .

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Cytokine receptor common subunit gamma; Interleukin-2 receptor subunit gamma; gammaC; P64; CD132; IL2RG; SCIDX;SCIDX1; CIDX

Immunogen Information:

Sequence: Leu23-Ala262

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 accessory protein p121. 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).