

**Recombinant Human Cytokine receptor common subunit gamma Protein**

**Cat.NO.: TP04947**

3th Edition

**Synonyms:**Cytokine receptor common subunit gamma;IL2RG;Interleukin-2 receptor subunit gamma;IL-2 receptor subunit gamma;IL-2R subunit gamma;gammaC

**Description:**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).

**Form:**PBS

**Molecular Weight:**55.4 kDa

**Sequences:**Leu23-Ala262

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.