9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL2RG Human

Interleukin-2 Receptor Gamma Human Recombinant
CYK0421

Product Overview

Name	IL2RG Human
Description	
Interleukin-2 Receptor Gamma Human Recombinant	
Accession (Primary)	P31785
Synonyms	
Interleukin 2 Receptor Gamma, IL-2 Receptor Subunit Gamma, IL-2R Subunit Gamma, CD132 Antigen, SCIDX1, IL-2RG, GammaC, SCIDX, IMD4, P64, Cytokine Receptor Common Subunit Gamma, Common Cytokine Receptor Gamma Chain, Interleukin-2 Receptor Subunit Gamma, Combined Immunodeficiency X-Linked, Severe Combined Immunodeficiency, CD132, CIDX, IL2RG.	
Introduction	
Interleukin-2 Receptor Gamma (IL2RG) is a cytokine receptor sub-unit which is common to the receptor complexes for at least six different interleukin receptors. IL2RG is located on the surface of immature blood-forming cells in bone marrow. One end of the IL2RG protein resides outside of the cell where it binds to cytokines and the other end of the IL2RG protein resides in the interior of the cell where it transmits signals to the cell's nucleus. IL2RG teams up with other proteins to direct blood-forming cells to form lymphocytes. In addition, IL2RG directs the growth and maturation of lymphocyte subtypes, which kill viruses, make antibodies, and help regulate the entire immune system.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
IL2RG protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 80.0% by SDS-PAGE.	
Amino acid sequence	

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LNTTILTPNG NEDTTADFFL TTMPTDSLSV STLPLPEVQC FVFNVEYMNC TWNSSSEPQP TNLTLHYWYK NSDNDKVQKC SHYLFSEEIT SGCQLQKKEI HLYQTFVVQL QDPREPRRQA TQMLKLQNLV IPWAPENLTL HKLSESQLEL NWNNRFLNHC LEHLVQYRTD WDHSWTEQSV DYRHKFSLPS VDGQKRYTFR VRSRFNPLCG SAQHWSEWSH PIHWGSNTSK ENPFLFALEA HHHHHH .

Precautions

IL2RG Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P31785)