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

IL2RB Human

Interleukin-2 Receptor Beta Human Recombinant
CYK0420

Product Overview

Name	IL2RB Human
Description	
Interleukin-2 Receptor Beta Human Recombinant	
Accession (Primary)	P14784
Synonyms	
Interleukin 2 receptor subunit beta, IL2RB, CD122, IL15RB, P70-75, IL-2R subunit beta.	
Introduction	
I nterleukin 2 receptor is a protein that involves immune responses that are mediated through T cells. The IL2 receptor exists in three ways in which it can bind to IL2. CD25 is the lowest affinity (a monomer of the alpha subunit), therefore, it is not part of the signal transduction process. The highest affinity has three heterotrimer subunits (alpha/beta/gamma), the intermediate affinity is found to have gamma/beta subunit heterodimer . Both forms are part of the receptor mediated endocytosis and mitogenic signals transduction from IL2.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
IL2RB protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 10% glycerol.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
AVNGTSQFTC FYNSRANISC VWSQDGALQD TSCQVHAWPD RRRWNQTCEL LPVSQASWAC NLILGAPDSQ KLTTVDIVTL RVLCREGVRW RVMAIQDFKP FENLRLMAPI SLQVVHVETH RCNISWEISQ ASHYFERHLE FEARTLSPGH TWEEAPLLTL KQKQEWICLE TLTPDTQYEF QVRVKPLQGE FTTWSPWSQP LAFRTKPAAL GKDT HHHHHH .	

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

Precautions

IL2RB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14784)