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32-6417: IL2RB Human

Alternative Name : Interleukin 2 receptor subunit beta, IL2RB, CD122, IL15RB, P70-75, IL-2R subunit beta.Â

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Interleukin 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.
IL2RB produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (27-240 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 220 amino acids and having a molecular mass of 25.5kDa.IL2RB shows multiple bands between 28-40kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.Â

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	IL2RB protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 10% glycerol.
Storage condition :	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.
Amino Acid :	AVNGTSQFTC FYNSRANISC VWSQDGALQD TSCQVHAWPD RRRWNQTCEL LPVSQASWAC NLILGAPDSQ KLTTVDIVTL RVLCREGVRW RVMAIQDFKP FENLRLMAPI SLQVVHVETH RCNISWEISQ ASHYFERHLE FEARTLSPGH TWEEAPLLTL KQKQEWICLE TLTPDTQYEF QVRVKPLQGE FTTWSPWSQP LAFRTKPAAL GKDTHHHHHH.

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