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

IL10RB Human

Recombinant Human Interleukin 10 Receptor Beta
CYK0361

Product Overview

Name	IL10RB Human
Description	
Recombinant Human Interleukin 10 Receptor Beta	
Accession (Primary)	Q08334
Synonyms	
Interleukin-10 receptor subunit beta, IL-10 receptor subunit beta, IL-10R subunit beta, IL-10RB, Cytokine receptor class-II member 4, Cytokine receptor family 2 member 4, CRF2-4, Interleukin-10 receptor subunit 2, IL-10R subunit 2, IL-10R2, CDw210b, IL10RB.	
Introduction	
IL10 is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL10RB protein solution (1.0mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 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	
MVPPPENVRM NSVNFKNILQ WESPAFAKGN LTFTAQYLSY RIFQDKCMNT TLTECDFSSL SKYGDHTLRV	

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RAEFADEHSD WVNITFCPVD DTIIGPPGMQ VEVLADSLHM RFLAPKIENE YETWTMKNVY NSWTYNVQYW KNGTDEKFQI TPQYDFEVLR NLEPWTTYCV QVRGFLPDRN KAGEWSEPVC EQTTHDETVP S LEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSDGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH .

Precautions

IL10RB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q08334)