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

IL10RA Human

Interleukin 10 Receptor Alpha Human Recombinant
CYK0359

Product Overview

Name	IL10RA Human
Description	
Interleukin 10 Receptor Alpha Human Recombinant	
Accession (Primary)	Q13651
Synonyms	
Interleukin 10 Receptor, Alpha, IL10R, Interleukin-10 Receptor Subunit 1, IL-10 Receptor Subunit Alpha, IL-10R Subunit Alpha, IL-10R Subunit 1, CDW210A, IL-10R1, IL-10RA, Interleukin-10 Receptor Subunit Alpha, Interleukin-10 Receptor Alpha Chain, CD210 Antigen, HIL-10R, CD210a, CD210, IBD28, IL10RA.	
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, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The IL10RA protein solution (0.2mg/ml) containing Phosphate buffered saline (pH7.4) 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 85% as determined by SDS-PAGE.	
Amino acid sequence	
HGTELPSPPS VWFEAEFFHH ILHWTPIPNQ SESTCYEVAL LRYGIESWNS ISNCSQTLSY DLTAVTLDLY	

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HSNGYRARVR AVDGSRHSNW TVTNTRFSVD EVTLTVGSVN LEIHNGFILG KIQLPRPKMA PANDTYESIF SHFREYEIAI RKVPGNFTFT HKKVKHENFS LLTSGEVGEF CVQVKPSVAS RSNKGMWSKE ECISLTRQYF TVTN HHHHHH

Precautions

IL10RA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13651)