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

IL4R Human

Interleukin-4 Receptor Human Recombinant
CYK0454

Product Overview

Name	IL4R Human
Description	
Interleukin-4 Receptor Human Recombinant	
Accession (Primary)	P24394
Synonyms	
Interleukin 4 Receptor, IL-4 Receptor Subunit Alpha, Interleukin 13 Receptor, IL-4RA, IL4RA, Interleukin-4 Receptor Subunit Alpha, Interleukin-4 Receptor Alpha Chain, IL4R Nirs Variant 1, IL-4R Subunit Alpha, CD124 Antigen, IL-4R-Alpha, CD124, IL4R.	
Introduction	
IL4 is a pleiotropic cytokine produced by activated T cells. IL4 is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. IL4, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL4R protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4).	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	

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MKVLQEPTCV SDYMSISTCE WKMNGPTNCS TELRLLYQLV FLLSEAHTCI PENNGGAGCV CHLLMDDVVS ADNYTLDLWA GQQLLWKGSF KPSEHVKPRA PGNLTVHTNV SDTLLLTWSN PYPPDNYLYN HLTYAVNIWS ENDPADFRIY NVTYLEPSLR IAASTLKSGI SYRARVRAWA QCYNTTWSEW SPSTKWHNSY REPFEQH LEH HHHHH

Precautions

IL4R Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P24394)