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32-6426: IL4R Human

Alternative Name :	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.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
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.
IL4R produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (26-232 a.a.) and fused to an 8 aa His Tag at C-terminus containing a total of 215 amino acids and having a molecular mass of 24.7kDa.IL4R shows multiple bands between 28-40kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	3 µg / 15 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	IL4R protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4).
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 :	MKVLQEPTCV SDYMSISTCE WKMNGPTNCS TELRLLYQLV FLLSEAHTCI PENNGGAGCV CHLLMDDVVS ADNYTLDLWA GQQLLWKGSF KPSEHVKPRA PGNLTVHTNV SDTLLLTWSN PYPPDNYLYN HLTYAVNIWS ENDPADFRIY NVTYLEPSLR IAASTLKSGI SYRARVRAWAQCYNTTWSEW SPSTKWHNSY REPFEQHLEH HHHHH

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