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

IL23R Human

Interleukin-23 Receptor Human Recombinant
CYK0417

Product Overview

Name	IL23R Human
Description	
Interleukin-23 Receptor Human Recombinant	
Accession (Primary)	Q5VWK5
Synonyms	
Interleukin 23 Receptor, IL-23 Receptor, IL-23R, IL23R.	
Introduction	
Interleukin-23 receptor (IL23R) is a member of the type I cytokine receptor family, Type 2 subfamily. IL23R contains two fibronectin type-III domains and is expressed by monocytes, Th1, Th0, NK and dendritic cells. IL23R protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are necessary for IL23A signaling. IL23R protein associates constitutively with JAK2 (Janus kinase 2), and it also binds to transcription activator STAT3 in a ligand-dependent manner. IL23R binds IL23 and mediates T-cells, NK cells and perhaps certain macrophage/myeloid cells stimulation most likely by way of activation of the Jak-Stat signaling cascade. IL23R might be responsible for autoimmune inflammatory diseases and be vital for tumorigenesis.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL23R protein solution (0.25mg/ml) contains 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP GITNINC SGHIWVEPAT IFKMGMNISI YCQAAIKNCQ PRKLHFYKNG IKERFQITRI NKTTARLWYK NFLEPHASMY CTAECPKHFQ ETLICGKDIS SGYPPDIPDE VTCVIYEYSG NMTCTWNAGK LTYIDTKYVV	

HVKSLETEEE QQYLTSSYIN ISTDSLQGGK KYLVWVQAAN ALGMEESKQL QIHLDDIVIP SAAVISRAET INATVPKTII YWDSQTTIEK VSCEMRYKAT TNQTWNVKEF DTNFTYVQQS EFYLEPNIKY VFQVRCQETG KRYWQPWSSL FFHKTPETVP QVTSKAFQHD TWNSGLTVAS ISTGHLTSDN RGDIG LEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTPPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH .

Precautions

IL23R Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q5VWK5)