IL23R (Human) Recombinant protein

Catalog # P8809 Size 2 x 10 ug

Specification

Product Description	Human IL23R (Q5VWK5, 24 a.a. - 355 a.a) partial recombinant protein with hIgG-His tag at C-terminal expressed in Sf9 cells.
Sequence	ADPGITNINC SGHIWVEPAT IFKMGMNISI YCQAAIKNCQ PRKLHFYKNG IKERFQITRI NKTTARL WYK NFLEPHASMY CTAECPKHFQ ETLICGKDIS SGYPPDIPDE VTCVIYEYSG NMTCTWNAGK LTYIDTKYVV HVKSLETEEE QQYLTSSYIN ISTDSLQGGK KYLVWVQAAN ALGMEESKQL QIHLD DIVIP SAAVISRAET INATVPKTII YWDSQTTIEK VSCEMRYKAT TNQTWNVKEF DTNFTYVQQS E FYLEPNIKY VFQVRCQETG KRYWQPWSSL FFHKTPETVP QVTSKAFQHD TWNSGLTVAS ISTG HLTSDN RGDIGLEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDV SHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKA LP APIEKTISKA KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN N YKTTPPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HH HH.
Host	insect
Theoretical MW (kDa)	65.3
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purity	> 90% by SDS-PAGE.
Storage Buffer	In PBS, pH 7.4 and 10% glycerol
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

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Gene Info — IL23R

Entrez GeneID	149233
Protein Accession#	Q5VWK5
Gene Name	IL23R
Gene Alias	-
Gene Description	interleukin 23 receptor
Omim ID	266600 607562
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs wit h the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This prot ein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner. [provided by RefSeq
Other Designations	OTTHUMP00000010660

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Acute Disease
- Anemia
- Arthritis
- Asthma
- Atherosclerosis
- Autoimmune Diseases
- Behcet Syndrome

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- Bipolar Disorder
- Bronchiolitis
- Cardiomyopathy
- Cardiovascular Diseases
- Celiac Disease
- Cholangitis
- Chronic Disease
- Colitis
- Colon cancer
- Colonic Neoplasms
- Constriction
- Coronary Artery Disease
- Crohn Disease
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Edema
- Esophageal Achalasia
- Femur Head Necrosis
- Genetic Predisposition to Disease
- Graft vs Host Disease
- Graves Disease
- Graves Ophthalmopathy
- Growth Disorders
- Hashimoto Disease
- Hematologic Neoplasms

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- Hypertension
- Ileitis
- Infant
- Inflammation
- Inflammatory Bowel Diseases
- Intestinal Fistula
- Intestinal Obstruction
- Irritable Bowel Syndrome
- Liver Cirrhosis
- Lupus Erythematosus
- Multiple Sclerosis
- Myocardial Infarction
- Ovarian Neoplasms
- Psoriasis
- Rectal Fistula
- Recurrence
- Respiratory Syncytial Virus Infections
- Scleroderma
- Skin Diseases
- Spondylitis
- Stomach Neoplasms
- Thyroiditis
- Tobacco Use Disorder
- Uveomeningoencephalitic Syndrome

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