

Recombinant human IL-23R protein

Catalog Number: ATGP3424

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

24-355aa

UniProt No.

Q5VWK5

NCBI Accession No.

NP_653302.2

Alternative Names

Interleukin-23 receptor, IL-23R, IL-23 receptor

PRODUCT SPECIFICATION

Molecular Weight

65.3 kDa (574aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

hIgG-His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

IL23R, also known as interleukin-23 receptor, belongs to the type I cytokine receptor family, Type 2 subfamily. It contains 2 fibronectin type-III domains and is expressed by monocytes, Th1, Th0, NK and dendritic cells. It may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis. Recombinant human IL23R, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional

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chromatography techniques.

Amino acid Sequence

<ADP>GITNINC SGHIWVEPAT IFKMGMNISI YCQAAIKNCQ PRKLHFYKNG IKERFQITRI NKTTARLWYK NFLEPHASMY
CTAECPKHFQ ETLICGKDIS SGYPPDIPDE VTCVIYEYSG NMTCTWNAGK LTYIDTKYVV HVKSLETEEE QQYLTSYIN
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 NYKTTTPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK
SLSLSPGKHH HHHH>

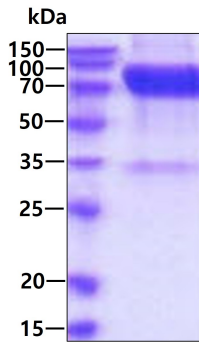
General References

Dubinsky MC., et al. (2007) *Inflamm Bowel Dis.* 13:511-515.

Yao J., et al. (2014) *Gene.* 533:21-25.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.