

Recombinant human IL-17 RB protein

Catalog Number: ATGP3061

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

18-292aa

UniProt No.

Q9NRM6

NCBI Accession No.

NP_061195

Alternative Names

Interleukin-17 receptor B, CRL4, EVI27, IL17BR, IL17RH1

PRODUCT SPECIFICATION

Molecular Weight

57.2 kDa (514aa) Reducing conditions

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% 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

IL17RB, also known as Interleukin-17 receptor B, is a cytokine receptor. This receptor specifically binds to IL17B and IL17E (IL25), but does not bind to IL17 (A) or IL17C. It has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. It was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this receptor. Recombinant human IL17RB,

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fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

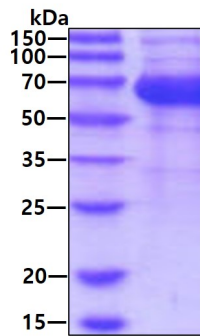
REPTVQCGSE TGPSPEWMLQ HDLIPGDLRD LRVEPVTTTSV ATGDYSILMN VSWVLRADAS IRLKATKIC VTGKSNFQSY
SCVRCNYTEA FQTQTRPSGG KWTFSYIGFP VELNTVYFIG AHNIPNANMN EDGPSMSVNF TSPGCLDHIM KYKKKCVKAG
SLWDPNITAC KKNEETVEVN FTTTPLGNRY MALIQHSTII GFSQVFEPHQ KKQTRASVVI PVTGDSEGAT VQLTPYFPTC
GSDCIRHKG T VVLCPQTGVP FPLDNNKSKP GGWLP<LEPKS CDKTHTCPPC PAPELLGGPS VLFPPKPKD TLMISRTPEV
TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA
KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTTPVLD SDGSFFLYSK LTVDKSRWQQ
GNVFSCSMH EALHNHYTQK SLSLSPGKHH HHHH>

General References

Ma XJ. et al. (2006) J Clin Oncol. 24:4611-4619

DATA

SDS-PAGE



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