Recombinant mouse IL-17RB protein

Catalog Number: ATGP3472

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
18-286aa

UniProt No.
Q9JIP3

NCBI Accession No.
NP_062529

Alternative Names
Interleukin-17 receptor B, Il17rb, Evi27, IL-17ER, IL-17Rh1, Il17br, IL17RH1, IL-17 receptor B, IL-17 receptor homolog 1, Interleukin-17B receptor, IL-17B receptor

PRODUCT SPECIFICATION

Molecular Weight
57.1 kDa (511aa)

Concentration
1mg/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
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- kB and the production of IL8 induced by IL17E. It was found to be significantly up-regulated during intestinal

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inflammation, which suggested the immune regulatory activity of this receptor. Recombinant mouse Il17rb, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

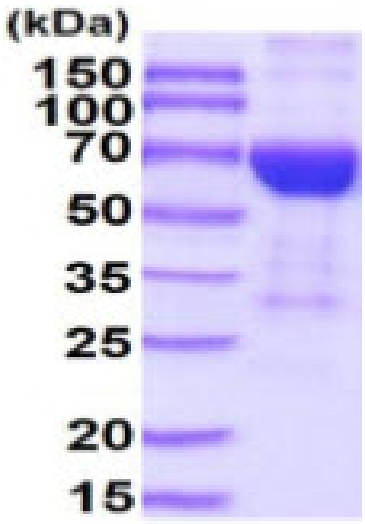
ADPREPTIQC GSETGPSPEW MVQHTLTPGD LRDLQVELVK TSVAAEEFSI LMNISWILRA DASIRLLKAT KICVSGKNNM NSYSCVRCNY TEAFQSQTRP SGGKWTFSYV GFPVELSTLY LISAHNIPNA NMNEDSPSLS VNFTSPGCLN HVMKYKKQCT EAGSLWDPDI TACKKNEKMV EVNFTTNPLG NRYTILIQRD TTLGFSRVLE NKLMRTSVAI PVTEESEGAV VQLTPYLHTC GNDCIRREGT VVLCSETSAP IPPDDNRRML GGVEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLP PSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H

General References

Rickel EA. et al., (2008) J. Immunol. 181(6):4299-4310.
Aggarwal, S. et al., (2002) J. Leukoc. Biol. 71:1-8.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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