

IL-17RB active protein

Recombinant human IL-17RB protein

CATALOG # AAA48405	HOST Baculovirus	APPLICATIONS SDS-Page
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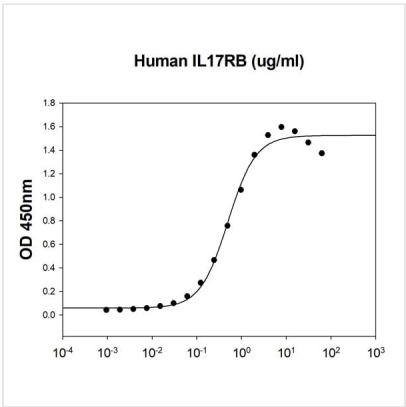
PRODUCT SYNONYMS

IL-17RB; Recombinant human IL-17RB protein; Interleukin-17 receptor B; CRL4; EVI27; IL17BR; IL17RH1; IL-17 receptor B; Cytokine receptor-like 4; IL-17 receptor homolog 1; Interleukin-17B receptor; IL-17RB active protein

PRODUCT SPECIFICATIONS

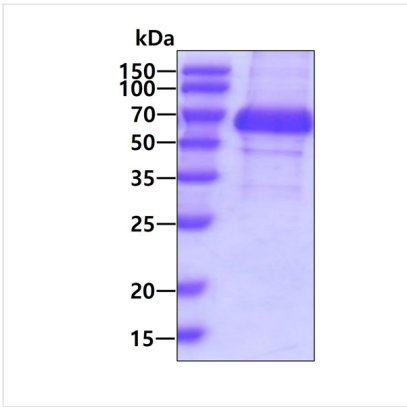
Host	Baculovirus
Purity/Purification	>85% by SDS-PAGE
Form/Format	Liquid. In Phosphate-Buffered Saline (pH7.4) containing 10% glycerol
Concentration	0.25mg/ml (determined by Bradford assay) (varies by lot)
Sequence Positions	18-292aa
Sequence	REPTVQCGSE TGPSPWMLQ HDLIPGDLRD LRVEPVTTSTV ATGDYSILMN VSWVLRADAS IRLKATKIC VTGKSNFQSY SCVRCNYTEA FQTQTRPSGG KWTFSYIGFP VELNTVYFIG AHNIPNANMN EDGPSMSVNF TSPGCLDHIM KYKKKCVKAG SLWDPNITAC KKNEETVEVN FTTTPLGNRY MALIQHSTII GFSQVFEPHQ KKQTRASVVI PVTGDSEGAT VQLTPYFPTC GSDCIRHKGT VVLCPTGTGP FPLDNNKSKP GGWLP
Applicable Applications for IL-17RB active protein	Bioactivity, SDS-PAGE
Endotoxin	<1 EU per 1ug of protein (determined by LAL method)
Species	Human
Tag	hIgG-His-Tag
Predicted N-term	Arg18
Bioactivity	Measured by its binding ability in a functional ELISA with Human IL25. The ED50 range <= 2ug/ml.
Preparation and Storage	Can be stored at +2C to +8 degree C for 1 week. For long term storage, aliquot and store at -20C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



Bioactivity

Human IL25 (CAT# ATGP4018) is coated at 2 ug/ml (100 ul/well) can bind Human IL17RB. The ED50 range



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for IL-17RB active protein	IL-17RB, 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 IL17A or IL17C. It has been shown to mediate the activation of NFkappaB 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 IL-17RB, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for IL-17RB active protein	Immunology; Proteins
References	Ma XJ., et al. (2006) J Clin Oncol. 24:4611-4619. Schwandner R., et al. (2000) J. Exp. Med. 191:1233-1240.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27477074
NCBI GeneID	55540
NCBI Accession #	NP_061195.2
NCBI GenBank Nucleotide #	NM_018725.3
UniProt Accession #	Q9NRM6; Q9BPZ0; Q9NRL4; Q9NRM5
Molecular Weight	31,773 Da
NCBI Official Full Name	interleukin-17 receptor B
NCBI Official Synonym Full Names	interleukin 17 receptor B
NCBI Official Symbol	IL17RB
NCBI Official Synonym Symbols	CRL4; EVI27; IL17BR; IL17RH1
NCBI Protein Information	interleukin-17 receptor B
UniProt Protein Name	Interleukin-17 receptor B
UniProt Gene Name	IL17RB
UniProt Synonym Gene Names	CRL4; EVI27; IL17BR; IL-17 receptor B; IL-17RB; IL-17Rh1; IL17Rh1; IL-17B receptor
UniProt Entry Name	I17RB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/baculovirus-active-protein/il-17rb/48405>