

Interleukin 17 Receptor B (IL17RB) Active Protein | IL17RB active protein

Active Interleukin 17 Receptor B (IL17RB)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148246	E Coli	Human	Activity Assay, Cell Culture

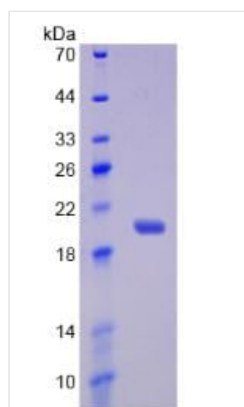
PRODUCT SYNONYMS

Interleukin 17 Receptor B (IL17RB); Active Interleukin 17 Receptor B (IL17RB); IL17R-B; CRL4; EVI27; IL17BR; IL17RH1; Cytokine receptor-like 4; IL-17 receptor homolog 1; IL17RB active protein

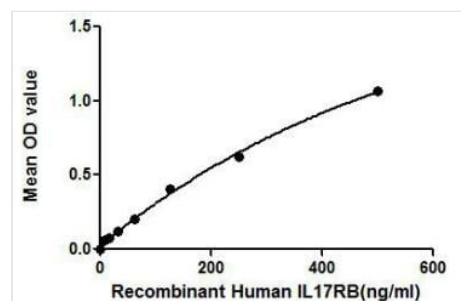
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 80%
Form/Format	Freeze-dried powder
Sequence Length	502
Applicable Applications for IL17RB active protein	Activity Assay, Cell Culture
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Fragment	Asp61~Thr200
Isoelectric Point	8.9

IMAGES



SDS-PAGE


Figure 1. The binding activity of IL17RB with IL17B.

Activity

IL17RB (Interleukin-17 receptor B) is a receptor for the proinflammatory cytokines IL17B (Interleukin-17B) and IL17E (Interleukin-17E). This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. Thus a binding ELISA assay was constructed to detect the association of recombinant human IL17RB with recombinant human IL17B. Briefly, IL17RB were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to IL17B-coated microtiter wells and incubated for 2h at 37 degree C. Wells were washed with PBST and incubated for 1h with anti-IL17RB pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37 degree C. Finally, add 50uL stop solution to the wells and read at 450nm immediately. The binding activity of IL17RB with IL17B was shown in Figure 1 and this effect was in a dose dependent manner.

ADDITIONAL INFORMATION

Product Categories/Family for IL17RB active protein	Infection immunity
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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	Predicted Molecular Weight: 19.4kDa Accurate Molecular Weight: 19kDa
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

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/e-coli-human-active-protein/interleukin-17-receptor-b-il17rb/148246>