

Interleukin 17 Receptor D (IL17RD) Active Protein | IL17RD active protein

Active Interleukin 17 Receptor D (IL17RD)

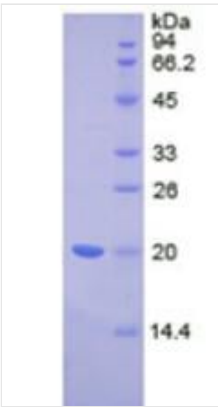
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148245	E Coli	Human	Activity Assay, Cell Culture

PRODUCT SYNONYMS

Interleukin 17 Receptor D (IL17RD); Active Interleukin 17 Receptor D (IL17RD); SEF; IL17RLM; IL-17RD; IL17R-D; IL17Rhom; Interleukin-17 receptor-like protein; IL17RD active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 90%
Form/Format	Freeze-dried powder
Sequence Length	595
Applicable Applications for IL17RD 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	Thr157~Arg299
Isoelectric Point	8.9



SDS-PAGE

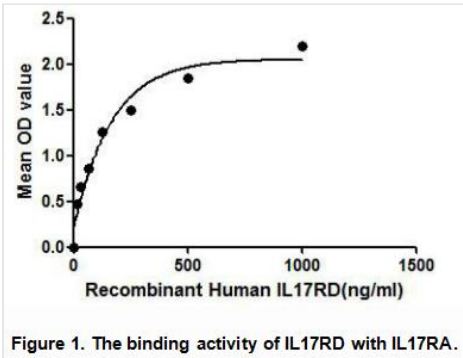


Figure 1. The binding activity of IL17RD with IL17RA.

Activity
IL17RD (interleukin-17 receptor D) is a membrane protein belonging to the IL17R protein family, acting as a component of the interleukin-17 receptor signaling complex. Knowing that the interaction between this protein and IL-17R does not require the interleukin, we have conducted a binding ELISA assay to detect the interaction of recombinant human IL17RD with both recombinant human IL17RA and IL17. Briefly, IL17RD were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to IL17RA-coated or IL17-coated microtiter wells and incubated for 2h at 37 degree C. Wells were washed with PBST and incubated for 1h with anti-IL17RA pAb and anti-IL17 pAb separately, 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 IL17RD with IL17RA and IL17 was shown in Figure 1 and Figure 2 respectively and this effect was in a dose dependent manner.

ADDITIONAL INFORMATION

Product Categories/Family for IL17RD active protein	Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	974141079
NCBI GeneID	54756
NCBI Accession #	NP_001305793.1
NCBI GenBank Nucleotide #	NM_001318864.1
UniProt Accession #	Q8NFM7; Q2NKP7; Q58EZ7; Q6RVF4; Q6UWI5; Q8N113; Q8NFS0; Q9UFA0
Molecular Weight	Predicted Molecular Weight: 18.0kDa Accurate Molecular Weight: 20kDa
NCBI Official Full Name	interleukin-17 receptor D isoform b
NCBI Official Synonym Full Names	interleukin 17 receptor D
NCBI Official Symbol	IL17RD
NCBI Official Synonym Symbols	SEF; HH18; IL-17RD; IL17RLM
NCBI Protein Information	interleukin-17 receptor D
UniProt Protein Name	Interleukin-17 receptor D
UniProt Gene Name	IL17RD
UniProt Synonym Gene Names	IL17RLM; SEF; IL-17 receptor D; IL-17RD; hSef

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-d-il17rd/148245>