

Interleukin 17 Receptor C (IL17RC) Active Protein | IL17RC active protein

Active Interleukin 17 Receptor C (IL17RC)

CATALOG # AAA148123	REACTIVITY Human	APPLICATIONS Activity Assay, Cell Culture
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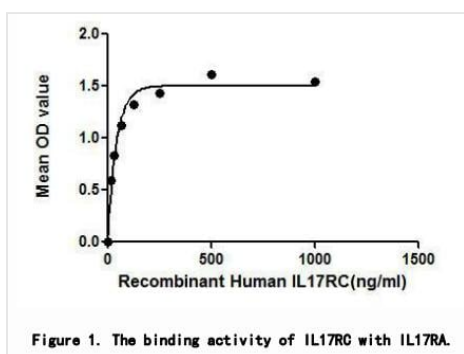
PRODUCT SYNONYMS

Interleukin 17 Receptor C (IL17RC); Active Interleukin 17 Receptor C (IL17RC); IL17-RL; IL17R-C; IL17Rhom; Interleukin-17 receptor homolog; Interleukin-17 receptor-like protein; ZcytoR14; IL17RC active protein

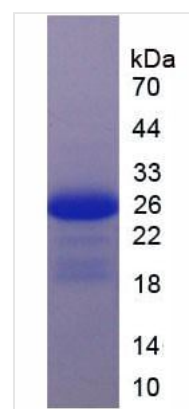
PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	> 97%
Form/Format	Freeze-dried powder
Sequence Length	707
Applicable Applications for IL17RC active protein	Activity Assay, Cell Culture
Tag	N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Fragment	Asn257~Asn477
Isoelectric Point	5.8

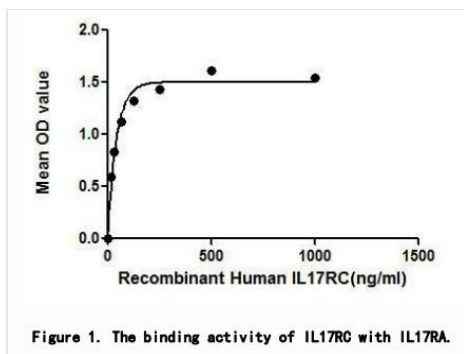
IMAGES



Application Data



SDS-PAGE



Activity

IL17RC (Interleukin-17 receptor C) is a receptor for IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RA. This protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. A binding ELISA assay was conducted to detect the association of IL17RC with IL17RA. Briefly, IL17RC were diluted serially in PBS with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to IL17RA-coated microtiter wells and incubated for 2h at 37 degree C. Wells were washed with PBST and incubated for 1h with anti-IL17RC 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 IL17RC with IL17RA was shown in Figure 1 and this effect was in a dose dependent manner.

ADDITIONAL INFORMATION

Product Categories/Family for IL17RC active protein	Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	322812168
NCBI GeneID	84818
NCBI Accession #	NP_001190192.1
NCBI GenBank Nucleotide #	NM_001203263.1
UniProt Accession #	Q8NAC3; Q6UVY3; Q6UWD4; Q8NFS1; Q9BR97; A8BWC1; A8BWC9; A8BWD5; E9PHG1; E9PHJ6
Molecular Weight	Predicted Molecular Weight: 28.6kDa Accurate Molecular Weight: 26kDa
NCBI Official Full Name	interleukin-17 receptor C isoform 4
NCBI Official Synonym Full Names	interleukin 17 receptor C
NCBI Official Symbol	IL17RC
NCBI Official Synonym Symbols	CANDF9; IL17RL; IL17-RL
NCBI Protein Information	interleukin-17 receptor C
UniProt Protein Name	Interleukin-17 receptor C
UniProt Gene Name	IL17RC
UniProt Synonym Gene Names	IL-17 receptor C; IL-17RC; IL17Rhom; IL-17RL

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.