

Active Recombinant Human IL17RA protein, His-tagged

Cat. No. IL17RA-2197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL17RA protein(NP_055154.3) (Met 1-Trp 320) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-320 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized recombinant human IL17A at 2 µg/ml (100 µl/well) can bind biotinylated human IL17RA with a linear range of 1.28-32 ng/ml. 2. Measured by its ability to inhibit IL-17-induced IL-6 secretion by HFF human foreskin fibroblast cells. The ED50 for this effect is typically 0.03-0.12 µg/mL.
Molecular Mass	The recombinant human IL17RA consists of 299 amino acids and has a predicted molecular mass of 35 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh IL17RA is approximately 55-60 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE

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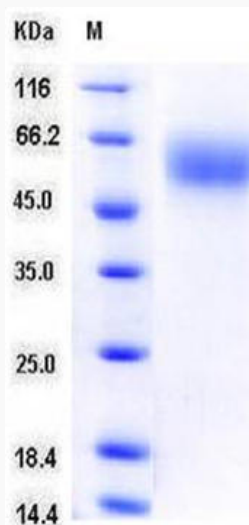
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_055154.3
Unit ID	Q96F46
Unit ID-Weblink	http://www.uniprot.org/uniprot/Q96F46
GENE INFORMATION	
Gene Name	IL17RA interleukin 17 receptor A [Homo sapiens]
Official Symbol	IL17RA
Synonyms	IL17RA; interleukin 17 receptor A; IL17R, interleukin 17 receptor; interleukin-17 receptor A; CD217; CDw217; hIL 17R; IL 17RA; IL-17 receptor A; IL17R; CANDF5; IL-17RA; hIL-17R; FLJ32274; FLJ36453; MGC10262;
Gene ID	23765
mRNA Refseq	NM_014339
protein Refseq	NP_055154
MIM	605461

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SDS-PAGE



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