

## Active Recombinant Human IL17RA protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-320 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 97 % as determined by SDS-PAGE

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<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>protein Refseq-Weblink</b>	<a href="http://www.ncbi.nlm.nih.gov/protein/NP_055154.3">http://www.ncbi.nlm.nih.gov/protein/NP_055154.3</a>
<b>Unit ID</b>	Q96F46
<b>Unit ID-Weblink</b>	<a href="http://www.uniprot.org/uniprot/Q96F46">http://www.uniprot.org/uniprot/Q96F46</a>

## GENE INFORMATION

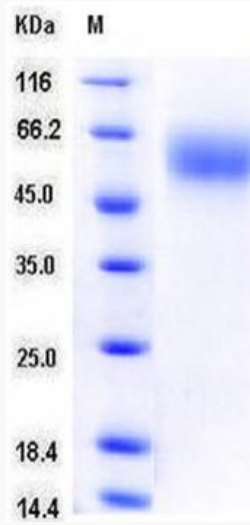
<b>Gene Name</b>	IL17RA interleukin 17 receptor A [ Homo sapiens ]
<b>Official Symbol</b>	IL17RA
<b>Synonyms</b>	IL17RA; interleukin 17 receptor A; IL17R, interleukin 17 receptor; interleukin-17 receptor A; CD217; CDw217; hIL 17R; IL 17RA; IL-17 receptor A; IL17R; CANDF5; IL-17RA; hIL-17R; FLJ32274; FLJ36453; MGC10262;
<b>Gene ID</b>	23765
<b>mRNA Refseq</b>	NM_014339
<b>protein Refseq</b>	NP_055154
<b>MIM</b>	605461

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**SDS-PAGE**



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