

## Recombinant Human IL17RA protein, His-tagged

Cat. No. IL17RA-1741H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL17RA aa. (Pro377~Phe534 (Accession # Q96F46)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Pro377~Phe534
<b>Description</b>	<p>Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. Alternative splicing results in multiple transcript variants encoding different isoforms.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	22kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%

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<b>Characteristic</b>	The isoelectric point is 6.4.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	IL17RA interleukin 17 receptor A [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL17RA
<b>Synonyms</b>	IL17RA; interleukin 17 receptor A; CD217; IL17R; IMD51; CANDF5; CDw217; IL-17RA; hIL-17R; interleukin-17 receptor A; IL-17 receptor A
<b>Gene ID</b>	23765
<b>mRNA Refseq</b>	NM_001289905.1
<b>Protein Refseq</b>	NP_001276834.1

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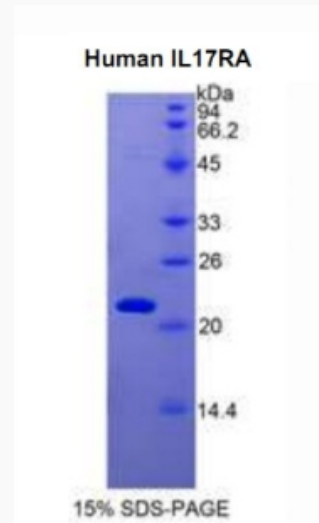
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UniProt ID

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SDS-PAGE



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