

Recombinant Human IL17RA protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IL17RA aa. (Pro377~Phe534 (Accession # Q96F46)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro377~Phe534
Description	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.
Form	Freeze-dried powder
Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

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

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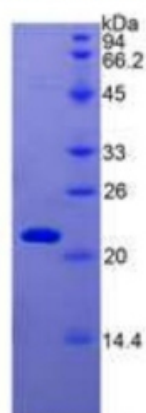
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UniProt ID

Q96F46

SDS-PAGE

Human IL17RA



15% SDS-PAGE

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