

# Recombinant Full Length Human IL17RA Protein, C-Flag-tagged

Cat. No. IL17RA-2083HFL    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human IL17RA Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	93.2 kDa
<b>AA Sequence</b>	MGAARSPPSAVPGPLLGLLLLLLGVLPGGASLRLLDHRALVCSQPGLNCTVKNSTC LDDSWIHPRNLTP SSPKDLQIQLHFAHTQQGDLFPVAHIEWTLQTDASILYLEGAELS VLQLNTNERLCVRFEFLSKLRHHHR RWRFTFSHFVDPDQEYEVTVHHLPKPIPDG DPNHQSKNFLVPDCEHARMKVTTPCMSSGSLWDPNITVE TLEAHQLRVSFTLWNE

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STHYQILLTSFPHMENHSCFEHMHHIPAPRPEEFHQRSNVTLTRNLKGCCRHQ VQ  
 IQPFFSSCLNDCLRHSATVSCPEMPDTPPEIPDYMPLWVYWFITGISILLVGSVILLIVC  
 MTWRLAGP GSEKYSDDTKYTDGLPVADLIPPPLKPRKVVIIYSADHPLYVDVVLKFA  
 QFLLTACGTEVALDLLEEAI SEAGVMTWVGRQKQEMVESNSKIIVLCRGRTRAKW  
 QALLGRGAPVRLRCDHGKPVGDLFTAAMNMILPDF KRPACFGTYVVCYFSEVSCD  
 GDVPDLFGAAPRYPLMDRFEEVYFRIQDLEMFQGRMHRVGEVSGDNYLR SPGG  
 RQLRAALDRFRDWQVHCPDWFEENLYSADDQDAPSLDEEVFEEPLLPPGTGIVK  
 RAPLVREPGSQ ACLAIDPLVGEEGGAAVAKLEPHLQPRGQPAPQPLHTLVLAEEG  
 ALVAAVEPGPLADGAAVRLALAGEG EACPLLGSPGAGRNSVLFLPVPEDSPLGSS  
 TPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSR PAMVLTDPHTPYEEEEQ  
 RQSVQSDQGYISRSSPQPPEGLTEMEEEEEEEQDPGKPALPLSPEDLESLRSLQ R  
 QLLFRQLQKNSGWDTMGSESEGPSA TRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome, Transmembrane
<b>Protein Pathways</b>	Cytokine-cytokine receptor interaction
<b>Full Length</b>	Full L.

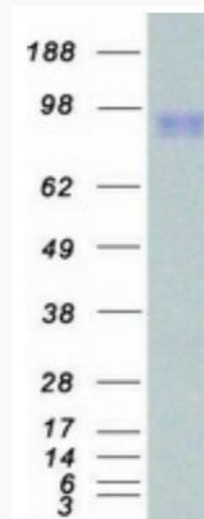
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**GENE INFORMATION**

<b>Gene Name</b>	IL17RA interleukin 17 receptor A [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL17RA
<b>Synonyms</b>	CD217; IL17R; IMD51; CANDF5; CDw217; IL-17RA; hIL-17R
<b>Gene ID</b>	23765
<b>mRNA Refseq</b>	NM_014339.7
<b>Protein Refseq</b>	NP_055154.3
<b>MIM</b>	605461
<b>UniProt ID</b>	Q96F46



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Coomassie blue staining of purified IL17RA protein.

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