

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

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

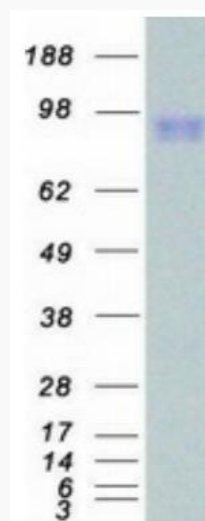
 45-1 Ramsey Road, Shirley, NY 11967, USA

STHYQILLTSFPHMENHSCFEHMHIPAPRPEEFHQRSNVTLTRNLKGCCRHQ VQ
 IQPFFSSCLNDCLRHSATVSCPEMPDTPPEIPDYMWPLWVYWFITGISILLVGSVILLIVC
 MTWRLAGP GSEKYSDDTKYTDGLPVADLIPPPLKPRKVWIIYSADHPLYVDVVLKFA
 QFLLTACGTEVALDLLEEAI SEAGVMTWVGRQKQEMVESNSKIIVLCSRGRTRAKW
 QALLGRGAPVRLRCDHGKPVGDLFTAAMNMILPDF KRPACFGTYVVCYFSEVSCD
 GDVPDLFGAAPRYPLMDRFEEVYFRIQDLEMFQPMHRVGEISGDNYLR SPGG
 RQLRAALDRFRDWQVHCPDWFECEENLYSADDQDAPSLDEEVFEEPLLPPGTGIVK
 RAPLVREPGSQ ACLAIDPLVGEEGGAATAKLEPHLQPRGQPAPQPLHTLVLAEEG
 ALVAAVEPGPLADGAAVRLALAGEG EACPLLGSPGAGRNSVLFLPVPDPEDSPLGSS
 TPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSR PAMVLTDPHTPYEEEEQ
 RQSVQSDQGYISRSSQPPEGLTEMEEEEEEEQDPGKPALPLSPEDLESRLSLQ R
 QLLFRQLQKNSGWDTMGSESEGPSA TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

GENE INFORMATION

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



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Coomassie blue staining of purified IL17RA protein.

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