

## Product datasheet for **TP302390**

### **IL17RA (NM\_014339) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human interleukin 17 receptor A (IL17RA), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC202390 representing NM\_014339  
**Red**=Cloning site **Green**=Tags(s)

MGAARSPPSAVPGPLLGLLLLLLGVLPAGGASLRLLDHRALVCSQPGLNCTVKNSTCLDDSWIHPRNLTP  
SSPKDLQIQLHFAHTQQGDLFPVAHIEWTLQTDASILYLEGAELSVLQLNTNERLCVRFEFLSKLRHHHR  
RWRFTFSHFVDPDQEYEVTVHHLKPIPDGDPNHQSKNFLVPDCEHARMKVTTPCMSSGSLWDPNITVE  
TLEAHQLRVSFTLWNESHYQILLTSFPHMENHSCFEHMHIPAPRPEEFHQRSNVTLLRNLKGCRRHQ  
VQIQPFSSCLNDCLRHSATVSCPEMPDTPPEIPDYMPLWVYWFITGISILLVGSVILLIVCMTWRLAGP  
GSEKYSDDTKYTDGLPVADLIPPLKPRKVVIIYSADHPLYVDVWLKFAQFLLTACGTEVALDLLEEQAI  
SEAGVMTWVGRQKQEMVESNSKIIVLCSRGRTRAKWQALLGRGAPVRLRCDHGKPVGDLFTAAMNMILPDF  
KRPACFGTYVVCYFSEVSCDGDVDFGAAPRYPLMDRFEEVYFRIQDLEMFQGRMHRVSGELSGDNLYR  
SPGGRQLRAALDRFRDWQVHCPDWFECEENLYSADDQDAPSLDEEVFEEPLPPGTGIVKRAPLVREPGSQ  
ACLAIDPLVGEEGAAVAKLEPHLQPRGQPAPQPLHTLVLAEEGALVAAVEPGPLADGAAVRLALAGEG  
EACPLLGSPGAGRNSVFLPVDPEDSPLGSSTPMASPDLLPEDVREHLEGLMLSLEFQSLSCQAQGGCSR  
PAMVLTDPHTPYEEEQRSVQSDQGYISRSSQPPEGLTEMEEEEEEEQDPGKPALPLSPEDLESRLSQ  
RQLLFRQLQKNSGWDTMGSESEGPSA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 93.2 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_055154](#)

**Locus ID:** 23765

**UniProt ID:** [Q96F46](#)

**RefSeq Size:** 3429

**Cytogenetics:** 22q11.1

**RefSeq ORF:** 2598

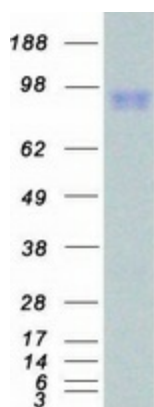
**Synonyms:** CANDF5; CD217; CDw217; hIL-17R; IL-17RA; IL17R; IMD51

**Summary:** 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. [provided by RefSeq, Feb 2014]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction

### Product images:



Coomassie blue staining of purified IL17RA protein (Cat# TP302390). The protein was produced from HEK293T cells transfected with IL17RA cDNA clone (Cat# [RC202390]) using MegaTran 2.0 (Cat# [TT210002]).