

Product datasheet for TP302390L

IL17RA (NM_014339) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human interleukin 17 receptor A (IL17RA), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC202390 representing NM_014339 Red=Cloning site Green=Tags(s) |

MGAARSPPSAVPGPLLGLLLLLLGVLPAGGASLRLLDHRALVCSQPGLNCTVKNSTCLDDSWIHPRNLTP
SSPKDLQIQLHFAHTQQGDLFPVAHIEWTLQTDASILYLEGAELSVLQLNTNERLCVRFEFLSKLRHHHR
RWRFTFSHFVDPDQEYEVTVHHLPKPIPDGDPNHQSKNFLVPDCEHARMKVTPCMSSGSLWDPNITVE
TLEAHQLRVSFTLWNESHYQILLTSFPHMENHSCFEHMHIPAPRPEEFHQRSNVTLLRNLKGCRRHQ
VQIQPFSSCLNDCLRHSATVSCPEMPDTPPEIPDYMPLWVYWFITGISILLVGSVILLIVCMTWRLAGP
GSEKYSDDTKYTDGLPVADLIPPLKPRKVVIIYSADHPLYVDVWLKFAQFLLTACGTEVALDLLEEQAI
SEAGVMTWVGRQKQEMVESNSKIIVLCSRGRTRAKWQALLGRGAPVRLRCDHGKPVGDLFTAAMNMILPDF
KRPACFGTYVVCYFSEVSCDGDVDFGAAPRYPLMDRFEEVYFRIQDLEMFQGRMHRVSGELSGDNLYR
SPGGRQLRAALDRFRDWQVHCPDWFECEENLYSADDQDAPSLDEEVFEEPLPPGTGIVKRAPLVREPGSQ
ACLAIDPLVGEEGAAVAKLEPHLQPRGQPAPQPLHTLVLAAEEGALVAAVEPGPLADGAAVRLALAGEG
EACPLLGSPGAGRNSVLFPLVDPEDSPLGSSTPMASPDLLPEDVREHLEGLMLSLEFQSLSCQAQGGCSR
PAMVLTDPHTPYEEEQRSVQSDQGYISRSSQPPEGLTEMEEEEEEQDPGKPALPLSPEDLESLSLQ
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

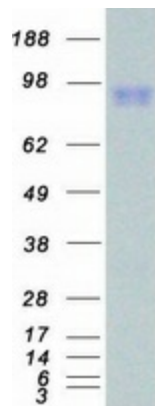
Synonyms: CANDF5; CD217; CDw217; hIL-17R; IL-17RA; IL17R; IMD51

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]).