

Product datasheet for **TP302390M**

IL17RA (NM_014339) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 17 receptor A (IL17RA), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202390 representing NM_014339 Red =Cloning site Green =Tags(s)

MGAARSPPSAVPGPLLGLLLLLLGVLPAGGASLRLLDHRALVCSQPGLNCTVKNSTCLDDSWIHPRNLTP
SSPKDLQIQLHFAHTQQGDLFPVAHIEWTLQTDASILYLEGAELSVLQLNTNERLCVRFEFLSKLRHHHR
RWRFTFSHFVDPDQEYEVTVHHLPKPIPDGDPNHQSKNFLVPDCEHARMKVTTPCMSSGSLWDPNITVE
TLEAHQLRVSFTLWNESHYQILLTSFPHMENHSCFEHMHIPAPRPEEFHQRSNVTLLRLNLKGCCRHQ
VQIQPFSSCLNDCLRHSATVSCPEMPDTPPEIPDYMWPLWVYWFITGISILLVGSVILLIVCMTWRLAGP
GSEKYSDDTKYTDGLPVADLIPPLKPRKVVIIYSADHPLYVDVWLKFAQFLLTACGTEVALDLLEEQAI
SEAGVMTWVGRQKQEMVESNSKIIVLCSRGRTRAKWQALLGRGAPVRLRCDHGKPVGDLFTAAMNMILPDF
KRPACFGTYVVCYFSEVSCDGDVDFGAAPRYPLMDRFEEVYFRIQDLEMFQGRMHRVSGELSGDNLYR
SPGGRQLRAALDRFRDWQVHCPDWFEENLYSADDQDAPSLDEEVFEEPLPPGTGIVKRAPLVREPGSQ
ACLAIDPLVGEEGAAVAKLEPHLQPRGQPAPQPLHTLVLAAEEGALVAAVEPGPLADGAAVRLALAGEG
EACPLLGSPGAGRNSVFLPVDPEDSPLGSSTPMASPDLLPEDVREHLEGLMLSLEFQSLSCQAQGGCSR
PAMVLTDPHTPYEEEQRSVQSDQGYISRSSQPPEGLTEMEEEEEEQDPGKPALPLSPEDLESRLSQ
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.



[View online »](#)

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

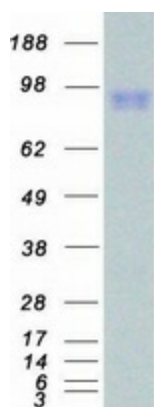
Synonyms: CANDF5; CD217; CDw217; hIL-17R; IL-17RA; IL17R; IMD51

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]).