

Product datasheet for PH302390

IL17RA (NM_014339) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IL17RA MS Standard C13 and N15-labeled recombinant protein (NP_055154)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202390
Predicted MW:	96.13 kDa
Protein Sequence:	>RC202390 representing NM_014339 Red=Cloning site Green=Tags(s)

MGAARSPPSAVPGPLLGLLLLLLGV LAPGGASLRLLDHRALVCSQPGLNCTVKNSTCLDSSWIHPRNLTP
SSPKDLQIQLHFAHTQQGDLFPVAHIEWTLQTDASILYLEGAELSVLQLNTNERLCVRFEFSLKLRHHHR
RWRFTFSHFVVDPDQEYEVTVHHLPKPIPDGDPNHQSKNFLVPDCEHARMKVTTPCMSSGSLWDPNITVE
TLEAHLRVSFTLWNESTHYQILLTSFPHMENHSCFEHMHIPAPRPEEFHQRSNVTLTRNLKGGCRHQ
VQIQPFSSCLNDCLRHSATVSCPEMPDTPEPIPDYMPLVVYWFITGISILLVGSVILLIVCMTWRLAGP
GSEKYSDDTKYTDGLPVADLIPPLKPRKVIISADHPLYVDVVLKFAQFLLTACGTEVALDLLEEQAI
SEAGVMTWVGRQKQEMVESNSKIIVLCSRGRTRAKWQALLGRGAPVRLRCDHGKPVGDLFTAAMNMLPDF
KRPACFGTYVVCYFSEVSCDGDVPDFGAAPRYPLMDRFEEVYFRIQDLEMFQPGRMHRVGE LSGDNYLR
SPGGRQLRAALDRFRDWQVHCPDWFECENLYSADDQDAPSLDEEVFEEPLLPPGTGIVKRAPLVREPGSQ
ACLAIDPLVGEEGA AVAKLEPHLQPRGQPAPQPLHTLVLAEEGALVAAVEPGLADGAAVRLALAGEG
EACPLLGSPGAGRNSVLFPLVPDPEDSPLGSSTPMASPDLLPEDVREHLEGLMLSLFEQSLSCQAQGGCSR
PAMVLTDPHTPYEEEQRQSVQSDQGYISRSSQPPEGLTEMEEEEEEQDPGKPALPLSPEDLESLSLQ
RQLLFRQLQKNSGWDTMGSESEGPSA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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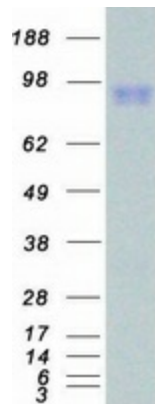
RefSeq:	NP_055154
RefSeq Size:	3429
RefSeq ORF:	2598
Synonyms:	CANDF5; CD217; CDw217; hIL-17R; IL-17RA; IL17R; IMD51
Locus ID:	23765
UniProt ID:	Q96F46
Cytogenetics:	22q11.1

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]).