

Product datasheet for PH313432

IL17RC (NM_153461) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IL17RC MS Standard C13 and N15-labeled recombinant protein (NP_703191)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213432
Predicted MW:	83.9 kDa
Protein Sequence:	>RC213432 representing NM_153461 Red=Cloning site Green=Tags(s)

MPVPWFLLSLALGRSPVLSLERLVGPQDATHCSPVSLEPWGDEERLRVQFLAQQLSLAPVTAARTAL
LSGLSGADGRREERGRGKSWVCLSLGSGNTEPQKKGLSCRLWSDILCLPGDIVPAPGPVLAPTHLQTE
LVLRCQKETDCDLCLRVAVHLAVHGHWEPEDEEKFGGAADSGVEEPRNASLQAQVVL SFQAYPTARCVL
LEVQVPAALVQFGQSVGSVVYDCFEAALGSEVQIWSYTPRYEKELNHTQQLPDCRGLEWNSIPSCWAL
PWLNVSADGDNVHLVLNVSEEQHFGLSLYWNQVQGPVKPRWHKNLTGPQIITLNHTDLVPCLCIQVWPLE
PDSVRTNICPFREDPRAHQNLWQAARLRLTLQSWLLDAPCSLPAEAALCWRAPGGDPCQPLVPPLSWEN
VTVDKVFLEFPLKGHPNLCVQVNSSEKQLQECLWADSLGPKDDVLLLETRGPQDNRSLEPSGCTS
LPSKASTRAARLGEYLLQDLQSQCLQLWDDDLGALWACPMDKYIHKRWALVWLACLLFAAALSLILLK
KDHAKGWLRLKQDVRSGAAARGRAALLYSADDSGFERLVGALASALCQLPLRVAVDLWSRRELSAQGP
VAWFHAQRRQTLQEGGVVLLFSPGAVALCSEWLQDGVSGPGAHGPHDAFRASLSCVLPDFLQGRAPGSY
VGACFDRLLHPDAVPALFRTVPVFTLPSQLPDFLGALQQPRAPRSRGLQERAEQVSRALQPALDSYFHPP
GTPAPGRGVGPGAGPGAGDGT

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.
RefSeq:	<u>NP_703191</u>



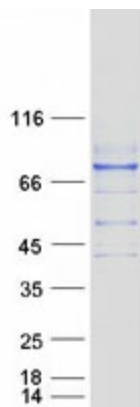
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RefSeq Size:	2691
RefSeq ORF:	2373
Synonyms:	CANDF9; IL17-RL; IL17RL
Locus ID:	84818
UniProt ID:	Q8NAC3
Cytogenetics:	3p25.3-p24.1

Summary: This gene encodes a single-pass type I membrane protein that shares similarity with the interleukin-17 receptor (IL-17RA). Unlike IL-17RA, which is predominantly expressed in hemopoietic cells, and binds with high affinity to only IL-17A, this protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. The proinflammatory cytokines, IL-17A and IL-17F, have been implicated in the progression of inflammatory and autoimmune diseases. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, and it has been proposed that soluble, secreted proteins lacking transmembrane and intracellular domains may function as extracellular antagonists to cytokine signaling. [provided by RefSeq, Feb 2011]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified IL17RC protein (Cat# [TP313432]). The protein was produced from HEK293T cells transfected with IL17RC cDNA clone (Cat# [RC213432]) using MegaTran 2.0 (Cat# [TT210002]).