

Recombinant Human IL17RC Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IL17RC-3559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IL17RC MS Standard C13 and N15-labeled recombinant protein (NP_703191) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	83.9 kDa
AA Sequence	MPVPWFLLSLALGRSPVVLRLVGPQDATHCSPVSLEPWGDEERLRVQFLAQQS LSLAPVTAATARTALSGLSGADGRREERGRGKSWVCLSLGGSGNTEPQKKGLSCR LWDSILCLPGDIVPAPGPVLAPTHLQTELVLRCQKETDCDLCLRVAVHLAVHGHWE

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EPEDEEKFGGAADSGVEEPRNASLQAQVLSFQAYPTARCVLLEVQVPAALVQFGQ
 SVGSVVYDCFEAALGSEVQIWSYTQPRYEKELNHTQQLPDCRGLEVWNSIPSCWAL
 PWLNVSADGDNVHLVLNVSEEQHFGLSLYWNQVQGPPKPRWHKNLTGPPQIITLNHT
 DLVPCLCIQVWPLEPDSVRTNICPFREDPRAHQNLWQAARLRLTLQSWLLDAPCSL
 PAEAALCWRAPGGDPCQPLVPPLSWENVTVDKVLEFPLLKGHPNLCVQVNSSEKL
 QLQECLWADSLGPLKDDVLLLETRGPQDNRSLEPSGCTSLPSKASTRAARLGE
 YLLQDLQSGQCLQLWDDDLGALWACPMCKYIHKRWALVWLACLLFAAALSILLKK
 DHAKGWLRLKQDVRSGAAARGRAALLYSADDGFERLVGALASALCQLPLRVAV
 DLWSRRELSAQGPVAFWHAQRRQTLQEGGVVLLFSPGAVALCSEWLQDGVSGP
 GAHGPHDAFRASLSCVLPDFLQGRAPGSYVGACFDRLHPDAVPALFRTVPVFTLP
 SQLPDLFGALQQPRAPRSGRLQERAEQVSRLQPALDSYFHPPGTPAPGRGVGPG
 AGPGAGDGTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name IL17RC interleukin 17 receptor C [Homo sapiens (human)]

Official Symbol IL17RC

Synonyms IL17RC; interleukin 17 receptor C; interleukin-17 receptor C; IL17 RL; IL-17RL;

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IL17Rhom; zcytoR14; IL17F receptor; IL-17 receptor C; interleukin-17 receptor homolog; interleukin-17 receptor-like protein; IL17RL; IL17-RL; FLJ95963; FLJ96005; MGC10763;

Gene ID [84818](#)

mRNA Refseq [NM_153461](#)

Protein Refseq [NP_703191](#)

MIM [610925](#)

UniProt ID [Q8NAC3](#)

SDS-PAGE

