

Recombinant Human IL17RA Protein, Fc/His-tagged

Cat. No. IL17RA-4873H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17RA Protein (33-320 AA) is produced by Sf9 Baculovirus insect cell expression system. This protein is fused to a 239 amino acids hlgG-His-Tag at C-terminus and purified by proprietary chromatographic techniques.
Species	Human
Source	Insect cells
ProteinLength	33-320 AA
Description	Interleukin-17 receptor A isoform 1 (IL17RA) is a cytokine receptor which binds interleukin 17. IL17RA is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. IL17RA is a type 1 membrane glycoprotein which binds with low affinity to interleukin 17A. The IL17RA protein and Interleukin 17A has a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis.
Form	IL17RA protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Molecular Mass	60.4 kDa (Molecular size on SDS-PAGE will appear at approximately 70-100 kDa)
AA Sequence	LRLLDHRALV CSQPGLNCTV KNSTCLDDSW IHPRNLTPSS PKDLQIQLHF AHTQQGDLFP VAHIEWTLQT DASILYLEGA ELSVLQLNTN ERLCVRFEFL SKLRHHHRRW RFTFSHFVVD PDQEYEVTVH HLPKPIPDGD PNHQSKNFLV

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PDCEHARMKV TTPCMSSGSL WDPNITVETL EAHQLRVSFT LWNETHYQI
 LLTSFPHMEN HSCFEHMHHI PAPRPEEFHQ RSNVTLTLRN LKGCCRHQVQ
 IQPFFSSCLN DCLRHSATVS CPEMPDTPEP IPDYMWPLWVE PKSCDKTHTC
 PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
 WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK
 ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD
 IAVEWESNGQ PENNYKTPP VLDSGDSFFL YSKLTVDKSR WQQGNVFSCS
 VMHEALHNHY TQKSLSLSPG KHHHHHH

Purity > 90% as determined by SDS-PAGE.

Usage The product is furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Stability Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

GENE INFORMATION

Gene Name IL17RA interleukin 17 receptor A [Homo sapiens]

Official Symbol IL17RA

Synonyms IL17RA; CD217; CDw217; hIL 17R; IL 17RA; IL-17 receptor A; IL17R; CANDF5; IL-17RA; hIL-17R; FLJ32274; FLJ36453; MGC10262;

Gene ID 23765

mRNA Refseq NM_014339

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Protein Refseq	NP_055154
MIM	605461
UniProt ID	Q96F46

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