

Recombinant human IL-17R alpha/IL17RA protein

Catalog Number: ATGP3632

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

33-320aa

UniProt No.

Q96F46

NCBI Accession No.

NP_055154

Alternative Names

Interleukin-17 receptor A isoform 1, IL17RA, CANDF5, CD217, CDw217, hIL-17R, IL-17RA, IL17R, IMD51, Macrophagleukin-17 receptor 2

PRODUCT SPECIFICATION

Molecular Weight

60.4 kDa (527aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

hIgG-His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

IL17RA, also known as interleukin-17 receptor A isoform 1, is a cytokine receptor which binds interleukin 17. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. It is a type1 membrane glycoprotein that binds with low affinity to interleukin 17A. This protein and Interleukin 17A play a

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pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Recombinant human IL17RA, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

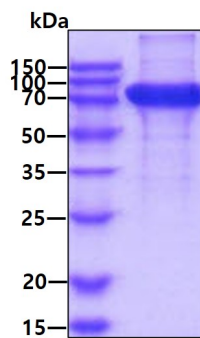
LRLLDHRALV CSQPGLNCTV KNSTCLDDSW IHPRNLTSS PKDLQIQLHF AHTQQGDLFP VAHIEWTLQT DASILYLEGA
ELSVLQLNTN ERLCVRFEFL SKLRHHHRRW RFTFSHFVVD PDQEYEVTVH HLPKPIPDGD PNHQSKNFLV PDCEHARMKV
TTPCMSSGSL WDPNITVETL EAHQLRVSFT LWNESTHYQI LLTSFPHMEN HSCFEHMHHI PAPRPEEFHQ RSNVTLTLRN
LKGCCRHQVQ IQPFFSSCLN DCLRHSATVS CPEMPDTPPEP IPDYMPLW<VE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK
PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK
ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPPP VLDSGDGSFFL
YSKLTVDKSR WQQGNVFCSS VMHEALHNHY TQKLSLSLSPG KHHHHHH>

General References

Honorati MC., et al, (2001) Rheumatology 40:522-527.
Yao Z., et al, (1997) Cytokine 9:794-800.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain