

Active Recombinant Human IL18R1 protein, Fc-His-tagged

Cat. No. IL18R1-2254H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL18R1 protein(NP_003846.1) (Met 1-Arg 329) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-329 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind cynomolgus IL-18 in a functional ELISA.
Molecular Mass	The recombinant human IL18R1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 559 amino acids and has a predicted molecular mass of 64 kDa. As a result of glycosylation, the apparent molecular mass of rh IL18R1/Fc monomer is approximately 95-110 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 70 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_003846.1

Unit ID

Q13478

Unit ID-Weblink

<https://www.uniprot.org/uniprotkb/Q13478>

GENE INFORMATION

Gene Name

[IL18R1 interleukin 18 receptor 1 \[Homo sapiens \]](#)

Official Symbol

[IL18R1](#)

Synonyms

IL18R1; interleukin 18 receptor 1; interleukin-18 receptor 1; CD218a; IL 1Rrp; IL1RRP; IL-18R1; IL1R-rp; IL-18R-1; cytokine receptor; IL1 receptor-related protein; CD218 antigen-like family member A; IL18RA; CDw218a; IL-1Rrp;

Gene ID

[8809](#)

mRNA Refseq

[NM_003855](#)

protein Refseq

NP_003846

MIM

[604494](#)

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SDS-PAGE



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