

Recombinant Human IL18R1 Protein, His-tagged

Cat. No. IL18R1-158H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18R1 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Within the IL18 receptor complex, responsible for the binding of the proinflammatory cytokine IL18, but not IL1A nor IL1B. Involved in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells. Contributes to IL18-induced cytokine production, either independently of SLC12A3, or as a complex with SLC12A3 (By similarity).
Molecular Mass	~40 kDa
AA Sequence	MCTSRPHITVVEGEPFYLKHCSCSLAHEIETTTKSWYKSSGSQEHVELNPRSSSRIALHDCVLEFWPVELNDTGSYFFQMKNYTQKWKLVIRRNKHSCFTERQVTSKIVEVKKFFQITCENSYYQTLVNSTSLYKNCKLLENNKNPTIKKNAEFEDQGYSCVHFLHNGKLFNITKTFNITIVEDRSNIVPVLLGPKLNHVAVELGKNVRLNCSALLNEEDVIYWMFGEENGSDPNIHEEKEMRIMTPEGKWHASKVLRIENIGESNLNVLYNCTVASTGGDTKSFILVRKADMADIPGHVFTR
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.

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Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
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Storage Buffer	PBS, 4M Urea, pH7.4
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GENE INFORMATION

Gene Name	IL18R1 interleukin 18 receptor 1 [Homo sapiens (human)]
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Official Symbol	IL18R1
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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;
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Gene ID	8809
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mRNA Refseq	NM_003855
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Protein Refseq	NP_003846
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MIM	604494
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UniProt ID	Q13478
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