

Recombinant Human IL18R1 protein, His-Avi-tagged

Cat. No. IL18R1-6865H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18R1 protein(AAH69575)(Ala19-Arg329), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala19-Arg329
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Human IL-18 R1, His Tag captured on CM5 Chip via anti-his antibody can bind Human IL-18, No Tag with an affinity constant of 2.38 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 38.8 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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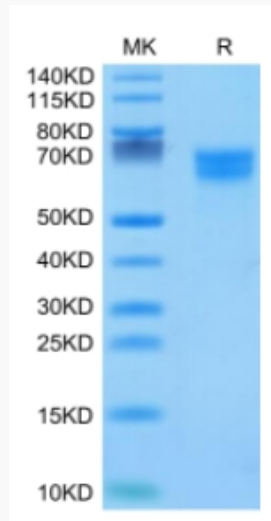
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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
UniProt ID	Q13478

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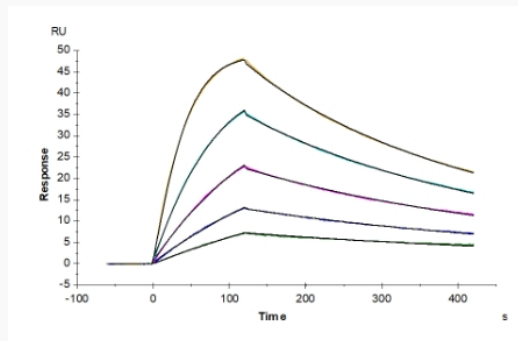
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Tris-Bis PAGE



SPR Data



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