Active Recombinant Human IL18R1 protein, hFc-tagged, Low Endotoxin

Cat. No. IL18R1-165H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18R1 protein(AAH69575.1)(Ala19-Arg329), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-329 aa
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human IL-18 R1, hFc Tag on ProA-Biosensor can bind Human IL-18, No Tag with an affinity constant of 3.21 nM as determined in BLI assay.
Molecular Mass	The protein has a predicted MW of 62.52 kDa. Due to glycosylation, the protein migrates to 75-95 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

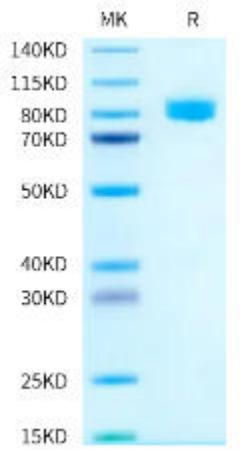
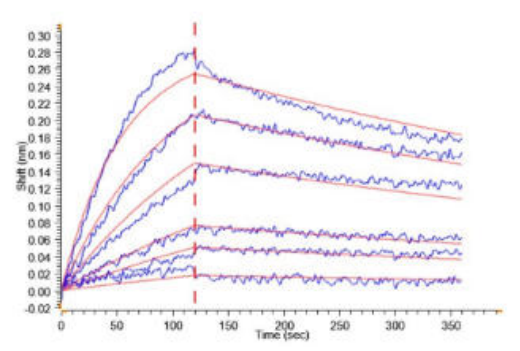
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	for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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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Bis-Tris PAGE	
BLI Data	

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