

Recombinant Human IL18R1 protein(Ala19-Arg329), hFc-tagged

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

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human IL18R1 protein(Ala19-Arg329)(AAH69575.1) is expressed from HEK293 with hFc tag at the C-terminus. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Ala19-Arg329 |
| Form | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Bio-activity | Human IL-18 R1, hFc Tag captured on CM5 Chip via Protein A can bind Human IL-18, No Tag with an affinity constant of 0.73 nM as determined in SPR assay (Biacore T200). |
| Molecular Mass | The protein has a predicted MW of 62.52 kDa. Due to glycosylation, the protein migrates to 75-95 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

-20 to -80°C for 12 months as supplied from date of receipt.
 -80°C for 3-6 months after reconstitution.
 2-8°C for 2-7 days after reconstitution.
 Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution

Centrifuge the tube 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](#)

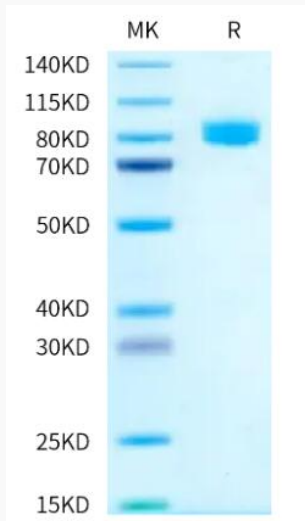
UniProt ID [Q13478](#)

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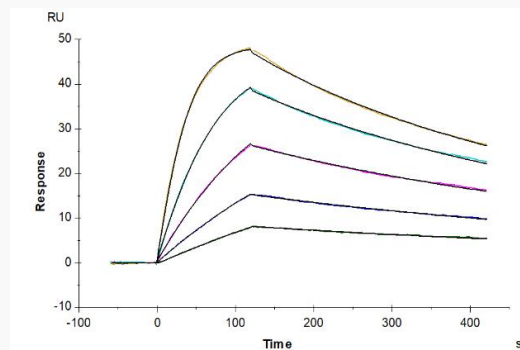
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Tris-Bis PAGE



SPR Data



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