

Recombinant Mouse Il18r1 protein, His&hFc-tagged

Cat. No. Il18r1-3319M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il18r1 protein(NP_032391.1)(Met1-Gly326), fused with His&hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly326
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse IL18R1/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 555 amino acids and has a predicted molecular mass of 63.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IL18R1/Fc monomer is approximately 95-105 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-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.

GENE INFORMATION

Gene Name [IL18r1 interleukin 18 receptor 1 \[Mus musculus \]](#)

Official Symbol [IL18r1](#)

Synonyms

IL18R1; interleukin 18 receptor 1; interleukin-18 receptor 1; IL-18R1; IL-1Rrp; IL1R-rp; IL-18R-1; IL1 receptor-related protein; CD218 antigen-like family member A; interleukin 1 receptor related protein; Il1rrp; Il18ralpha;

Gene ID [16182](#)

mRNA Refseq [NM_001161842](#)

Protein Refseq [NP_001155314](#)

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