

## Recombinant Mouse IL18R1 protein(Met1-Gly326), mFc-tagged

Cat. No. IL18R1-2364M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse IL18R1 (NP_032391.1) (Met1-Gly326) was expressed in HEK293 with the Fc region of Mouse IgG2a at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly326
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized mIL18R1-mFc(mIgG2a) at 10 µg/mL (100 µL/well) can bind mIL18/Biotin, the EC50 of mIL18/Biotin is 90-260 ng/mL.
<b>Molecular Mass</b>	The recombinant mouse IL18R1 consists of 540 amino acids and predicts a molecular mass of 61.74 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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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