

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

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

SPECIFICATION

Product Overview	Recombinant Mouse IL18R1 (NP_032391.1) (Met1-Gly326) was expressed in HEK293 with the Fc region of Mouse IgG2a at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly326
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	The recombinant mouse IL18R1 consists of 540 amino acids and predicts a molecular mass of 61.74 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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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