

Recombinant Rat IL18r1 protein(Met1-Gly326), hFc-tagged

Cat. No. IL18r1-7454R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL18R1 (NP_001100375.1)(Met 1-Gly 326) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-326 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat IL18R1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 550 amino acids and predicts a molecular mass of 62.5kDa. The apparent molecular mass of the rat IL18R1/Fc monomer is approximately 105 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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 \[Rattus norvegicus \]](#)

Official Symbol [Il18r1](#)

Synonyms IL18R1; interleukin 18 receptor 1;

Gene ID [301365](#)

mRNA Refseq [NM_001106905](#)

Protein Refseq [NP_001100375](#)

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