

Active Recombinant Mouse Il18rap, His-tagged

Cat. No. Il18rap-514M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse IL18RAP (NP_034683.1) (Met1-Glu356) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Glu356
Form	Lyophilized from sterile PBS, pH7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse IL18RAP-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse IL18, The EC50 of biotinylated mouse IL18 is 10.6-25.0 µg/ml.
Molecular Mass	The recombinant mouse IL18RAP comprises 348 amino acids and has a predicted molecular mass of 40.1 kDa. The apparent molecular mass of the protein is approximately 44 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C

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Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	Il18rap interleukin 18 receptor accessory protein [Mus musculus]
Official Symbol	Il18rap
Synonyms	IL18RAP; interleukin 18 receptor accessory protein; interleukin-18 receptor accessory protein; IL-18RACp; IL-1RACpL; IL-18Rbeta; IL-18R-beta; AcPL accessory protein-like); interleukin-18 receptor beta; IL-18 receptor accessory protein; CD218 antigen-like family member B;
Gene ID	16174
mRNA Refseq	NM_010553
Protein Refseq	NP_034683
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	interleukin-1 receptor activity; receptor activity; transmembrane signaling receptor activity;