

Recombinant Mouse IL18 protein(Asn36-Ser192)

Cat. No. IL18-2366M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL18 (P70380-1) (Asn36-Ser192) was expressed and purified in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asn36-Ser192
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 ability to induce IFN- γ secretion by KG-1 human myelomonocyte. The ED50 for this effect is typically 0.1-0.8 $\mu\text{g/mL}$.
Molecular Mass	The recombinant mouse IL18 consists of 158 amino acids and predicts a molecular mass of 18.2 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % 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 IL18 interleukin 18 [*Mus musculus*]

Official Symbol IL18

Synonyms IL18; interleukin 18; interleukin-18; IL-1 gamma; interleukin-1 gamma; IFN-gamma-inducing factor; interferon gamma-inducing factor; interferon-gamma-inducing factor; Igif; Il-18;


Gene ID 16173

mRNA Refseq NM_008360

Protein Refseq NP_032386

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