

Recombinant Mouse Il18 Protein, His tagged

Cat. No. Il18-31M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il18 Protein, Sourced from E.coli, Asn36-Ser192, with N-terminal His Tag.
Species	Mouse
Source	E.coli
ProteinLength	36-192 aa
Description	Interleukin-18 (IL-18) is a proinflammatory cytokine that is produced by many cell types including macrophages, dendritic cells, microglial cells, and keratinocytes. It is a member of the IL-1 family of cytokines and functions with IL-12 to induce production of IFN γ from T cells and NK cells. Uncontrolled release of IL-18 is associated with severe chronic inflammatory diseases. IL-18 is synthesized as an inactive precursor protein that is processed by caspase-1 into its mature secretable form.
Form	Lyophilized from 1× PBS with Trehalose
Molecular Mass	20.2 kDa
Purity	>95% by SDS-PAGE
Applications	ELISA and Western Blot Analysis
Storage	2 years at -20 to -80 centigrade as supplied. Upon reconstitution: 2 years at -80

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centigrade; 2 years at -20 centigrade For long-term storage, store for up to 2 years at -20 & -80 centigrade after reconstitution. Expiration is 2 years from date of receipt.

Shipping Ambient

Reconstitution Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein.

GENE INFORMATION

Gene Name IL18 interleukin 18 [*Mus musculus* (house mouse)]

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

UniProt ID P70380

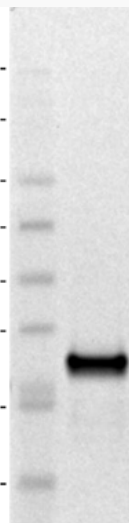
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SDS-PAGE

118kDa-
98kDa-
62kDa-
49kDa-
38kDa-
28kDa-
14kDa-
6kDa-



Mouse IL-18 (2 μ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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