

Active Recombinant Human IL18 (Tyr37-Asp193)

Cat. No. IL18-330H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL18 (Tyr37-Asp193) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Tyr37-Asp193
Form	Lyophilized from a 0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4.
Bio-activity	Measured by its ability to induce IFN-gamma secretion by KG-1 human acute myelogenous leukemia cells. The specific activity of recombinant human IL-18 is $> 5.0 \times 10^4$ IU/mg.
Molecular Mass	18.2 kDa
Endotoxin	≤ 10 EU/mg by the LAL method.
Purity	$\geq 95\%$, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining.
Storage	36 months at -20°C to -80°C in lyophilized state 7-10 days at 2°C to 8°C under sterile conditions after reconstitution 6 months at -20°C to -80°C under sterile conditions after reconstitution.

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Reconstitution It is recommended to redissolve in sterile deionized water.

GENE INFORMATION

Gene Name IL18 interleukin 18 (interferon-gamma-inducing factor) [Homo sapiens]

Official Symbol IL18

Synonyms IL18; interleukin 18 (interferon-gamma-inducing factor); interleukin-18; IGIF; IL 1g; IL 18; IL1F4; IL-1 gamma; iboctadekin; interleukin-1 gamma; IFN-gamma-inducing factor; IL-18; IL-1g; MGC12320;

Gene ID 3606

mRNA Refseq NM_001243211

Protein Refseq NP_001230140

MIM 600953

UniProt ID Q14116

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