Recombinant Human IL18 protein, His-Avi-tagged, Biotinylated

Cat. No. IL18-501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL18 protein(Q14116) (Tyr37-Asp193) was expressed in E.coli with a C-terminal polyhistidine tag followed by an AVI tag.
Species	Human
Source	E.coli
ProteinLength	37-193 aa
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant Human IL-18 comprises 186 amino acids and has a predicted molecular mass of 21.37 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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