

Active Recombinant Human IL18 protein, Low Endotoxin

Cat. No. IL18-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18 protein(Q14116-1)(Tyr37-Asp193) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	37-193 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-18 at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human IL-18BP, hFc Tag with the EC50 of 62.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.2 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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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

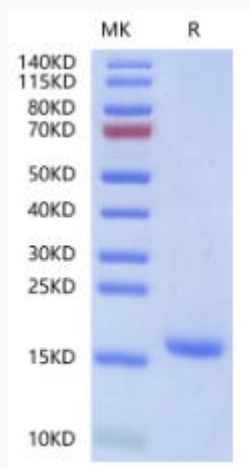
mRNA Refseq NM_001243211

Protein Refseq NP_001230140

MIM 600953

UniProt ID Q14116

Bis-Tris PAGE



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ELISA Data

