

Active Recombinant Human IL18 protein(Primary Amine Labeling), Biotinylated

Cat. No. IL18-1942H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human IL18 protein(Primary Amine Labeling)(Q14116-1)(Tyr37-Asp193) is expressed from E.coli without tag.
Species	Human
Source	E.coli
ProteinLength	37-193 aa
Conjugation/Label	Biotin
Form	Supplied as 0.22 µm filtered solution in 20mM PB, 250mM NaCl, 50mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human IL-18BP, hFc Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human IL-18, No Tag with the EC50 of 5.2 ng/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 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC

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Storage Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Concentration 0.1-1.0 mg/mL. 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

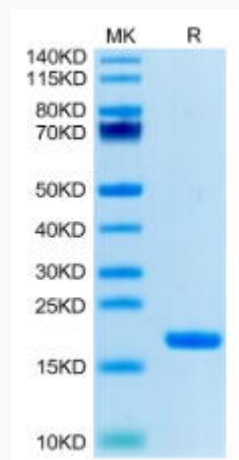
UniProt ID Q14116

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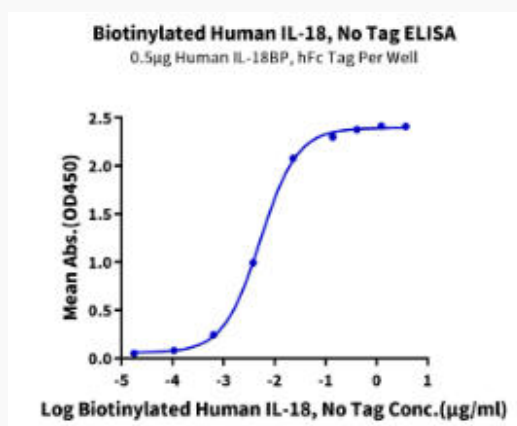
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Bis-Tris PAGE



ELISA Data



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