

Recombinant Human IL18 protein

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

SPECIFICATION

Product Overview	Recombinant Human IL18 protein(Q14116)(Tyr37-Asp193) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Tyr37-Asp193
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-18 at 5ug/ml (100ul/Well) on the plate. Dose response curve for Human IL-18BP, hFc Tag with the EC50 of 16.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.2 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

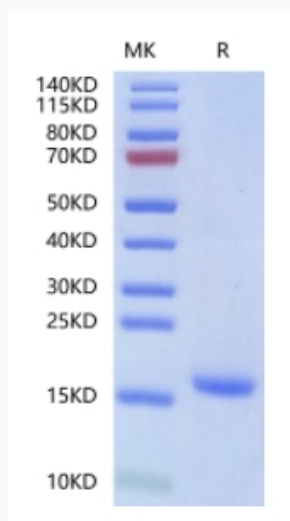
Gene Name	IL18 interleukin 18 (interferon-gamma-inducing factor) [Homo sapiens]
Official Symbol	IL18
Synonyms	IL18; interleukin 18 (interferon-gamma-inducing factor); interleukin-18; IGIF; IL 1g; IL 18; IL1F4; IL-1 gamma; iboctadecin; interleukin-1 gamma; IFN-gamma-inducing factor; IL-18; IL-1g; MGC12320;
Gene ID	3606
mRNA Refseq	NM_001243211
Protein Refseq	NP_001230140
MIM	600953
UniProt ID	Q14116

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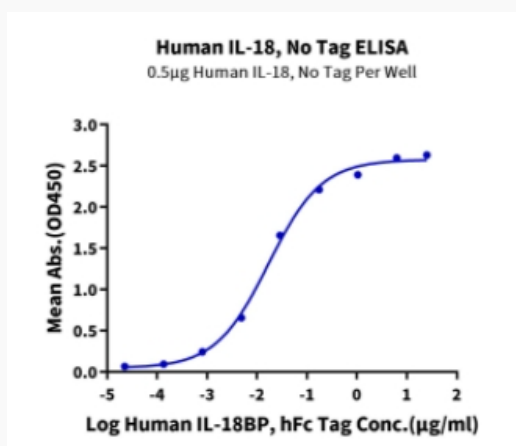
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Tris-Bis PAGE



ELISA Data



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