

Recombinant Human IL6 protein

Cat. No. IL6-3395H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6 protein(P05231)(Val30-Met212) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Val30-Met212
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-6 at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human IL-6 R alpha, hFc Tag with the EC50 6.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted 20.8 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; > 90% 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.

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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 IL6 interleukin 6 (interferon, beta 2) [Homo sapiens]

Official Symbol IL6

Synonyms IL6; interleukin 6 (interferon, beta 2); IFNB2; interleukin-6; BSF2; HGF; HSF; IL 6; CDF; BSF-2; IFN-beta-2; interferon beta-2; interleukin BSF-2; hybridoma growth factor; CTL differentiation factor; B-cell stimulatory factor 2; B-cell differentiation factor; IL-6;

Gene ID 3569

mRNA Refseq NM_000600

Protein Refseq NP_000591

MIM 147620

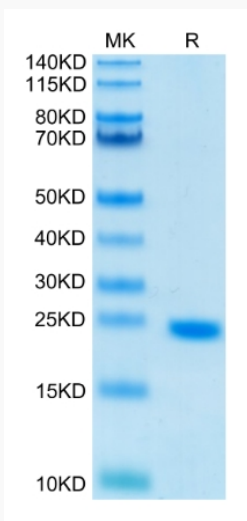
UniProt ID P05231

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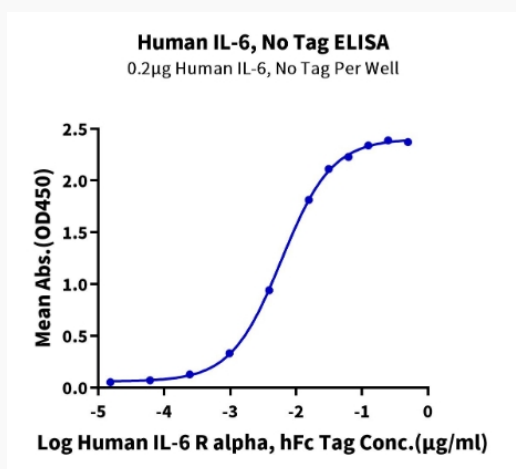
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Tris-Bis PAGE



ELISA Data



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