

Active Recombinant Human IL6 protein

Cat. No. IL6-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL6 protein(P05231)(Val30-Met212) is expressed from E.coli without tag.
Species	Human
Source	E.coli
ProteinLength	30-212 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
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 Bis-Tris PAGE result.
Endotoxin	Less than 0.05 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Storage	-20 to -80°C for 12 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 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

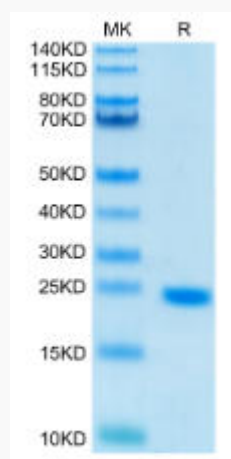
mRNA Refseq NM_000600

Protein Refseq NP_000591

MIM 147620

UniProt ID P05231

Bis-Tris PAGE

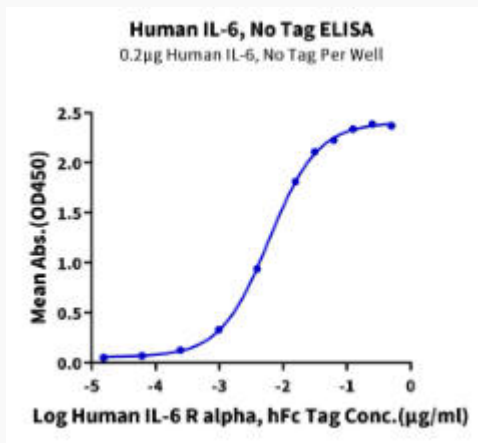


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ELISA Data



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