

Recombinant Human IL6 Protein (Val30-Met212), C-mFc and 6×His-tagged

Cat. No. IL6-251H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6 Protein (Val30-Met212) with C-mFc and 6×His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Val30-Met212
Description	This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Alternative splicing results in multiple transcript variants.
Form	Lyophilized
Molecular Mass	47.9 kDa
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining.

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Storage	Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 39 % trehalose is added as protectants before lyophilization.
GENE INFORMATION	
Gene Name	IL6 interleukin 6 (interferon, beta 2) [Homo sapiens (human)]
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_00600
Protein Refseq	NP_00591
MIM	147620
UniProt ID	P05231

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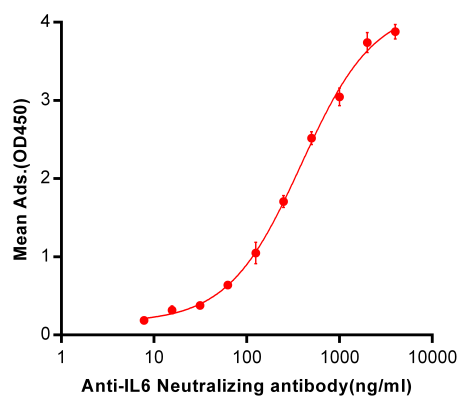
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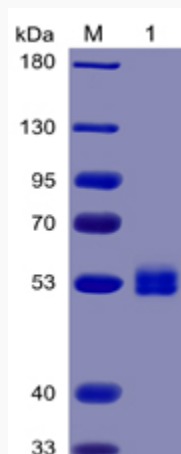
Activity

Human IL6, mFc-His Tagged protein ELISA

0.2 µg of Human IL6, mFc-His Tagged protein per well



SDS-PAGE



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