

Recombinant Human IL6 Protein

Cat. No. IL6-44H Lot. No. (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains full length of Human interleukin 6 without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	<p>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. Elevated levels of the encoded protein have been found in virus infections, including COVID-19 (disease caused by SARS-CoV-2).</p>
Form	Affinity purified, liquid
Molecular Mass	22.13 kDa
Purity	>95% pure by SDS-PAGE
Applications	Suitable for use in ELISA, WB and other immune tests

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Storage	Upon receipt, aliquot and store at ≤ - 20 centigrade. Avoid multiple freeze/thaw cycles
Storage Buffer	PBS, pH 7.3
Full Length	Full L.

GENE INFORMATION

Gene Name	IL6 interleukin 6 [Homo sapiens (human)]
Official Symbol	IL6
Synonyms	IL6; interleukin 6; CDF; HGF; HSF; BSF2; IL-6; BSF-2; IFNB2; IFN-beta-2; interleukin-6; B-cell differentiation factor; B-cell stimulatory factor 2; CTL differentiation factor; hybridoma growth factor; interferon beta-2; interleukin BSF-2
Gene ID	3569
mRNA Refseq	NM_000600
Protein Refseq	NP_000591
MIM	147620
UniProt ID	P05231

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