

## Recombinant Active Human IL6 Protein, Tag Free

Cat. No. IL6-210H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Active Human IL6 Protein without Tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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. [provided by RefSeq, Jun 2011]
<b>Form</b>	Powder
<b>Bio-activity</b>	Determined by its ability to stimulate the proliferation of mouse B9 cells.
<b>AA Sequence</b>	PVPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESSKEALA ENNLNLPKMAEKDGCFFQSGFNEETCLVKIITGLLEFEVYLEYLQNRFESSEEQARAV QMSTKVLIQFLQKKAKNLDAITTPDPTTNASLLTKLQAQNQWLQDMTTHLILRSFKEF LQSSLRALRQM
<b>Purity</b>	> 98% by SDS-PAGE gel and HPLC analyses.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Applications</b>	FuncSt, SDS-PAGE
<b>Notes</b>	For laboratory research only, not for drug, diagnostic or other use.
<b>Storage</b>	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	IL6 interleukin 6 (interferon, beta 2) [ Homo sapiens ]
<b>Official Symbol</b>	IL6
<b>Synonyms</b>	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;
<b>Gene ID</b>	3569
<b>mRNA Refseq</b>	NM_000600
<b>Protein Refseq</b>	NP_000591
<b>MIM</b>	147620
<b>UniProt ID</b>	P05231

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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