

Active Recombinant Human IL6 Protein, Animal Free

Cat. No. IL6-37H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	Human interleukin 6 (IL-6) is a 26-30 kDa glycoprotein with 183 amino acids in length. IL-6 is a pleiotropic cytokine that plays an important role in the final differentiation of B cells into Ig secreting cells. IL-6 acts on B cells, T cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. IL-6 is expressed by T cells, monocytes, fibroblasts, endothelial cells and keratinocytes.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).
Molecular Mass	26-30 kDa
Endotoxin	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80

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Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

Reconstitution Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

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_000600](#)

Protein Refseq [NP_000591](#)

MIM [147620](#)

UniProt ID [P05231](#)

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