

Interleukin-6 Active Protein | rIL 6 active protein

Recombinant Rhesus Macaque Interleukin-6

CATALOG #
AAA38887

HOST
E Coli

PRODUCT SYNONYMS

Interleukin-6; Recombinant Rhesus Macaque Interleukin-6; IL 6 Rhesus Macaque; Interleukin-6 Rhesus Macaque Recombinant; IFN-b2; B cell differentiation factor; BCDF; BSF-2; HPGF; HSF; MGI-2; B-cell stimulatory factor 2; Interferon beta-2; Hybridoma growth factor; CTL differentiation factor; CDF; IL-6; HGF; rIL 6 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 97.0% as determined by SDS-PAGE and HPLC analyses.
Form/Format	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MAPVLPGEDS KNVAAPHSQP LTSSERIDKH IRYILDGISA LRKETCNRSN MCESSKEALA ENNLNLPKMA EKDGCQSGF NEDTCLVKII TGLLEFEVYL EYLQNRFESE EQARAVQMS TKVLIQFLQK KAKNLDAITT PEPTTNASLL TKLQAQNQWL QDMTTHLILR SFKEFLQSNL RALRQM
Sequence Length	212
Solubility	It is recommended to reconstitute the lyophilized IL-6 in sterile 18M-cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Fully biologically active when compared to standard. The ED50 determined by a cell proliferation assay using IL-6-dependent murine 7TD1 cells is less than 0.1ng/ml, corresponding to a specific activity of > 1.0 x 10,000,000 IU/mg.

ADDITIONAL INFORMATION

Related Product Information for rIL 6 active protein	Description: IL 6 Rhesus Macaque Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 186 amino acids and having a molecular mass of 21.1kDa. The IL 6 Rhesus Macaque is purified by proprietary chromatographic techniques. Introduction: IL-6 is a cytokine with a wide variety of biological functions: it plays an essential role in the final differentiation of b-cells into ig-secreting cells, it induces myeloma and plasmacytoma growth, it induces nerve cells differentiation, in hepatocytes it induces acute phase reactants.
Product Categories/Family for rIL 6 active protein	Cytokines and Growth Factors; Cytokines; Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	10834984
NCBI GeneID	3569
NCBI Accession #	NP_000591.1
NCBI GenBank Nucleotide #	NM_000600.3
Molecular Weight	23,718 Da
NCBI Official Full Name	interleukin-6

NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	HGF; HSF; BSF2; IL-6; IFNB2
NCBI Protein Information	interleukin-6; B-cell differentiation factor; B-cell stimulatory factor 2; BSF-2; CDF; CTL differentiation factor; IFN-beta-2; hybridoma growth factor; interferon beta-2; interferon, beta 2; interleukin BSF-2
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IFNB2; IL-6; BSF-2; CDF; IFN-beta-2
UniProt Entry Name	IL6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-rmil-6-active-protein/interleukin-6/38887>