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IL 6 Rhesus Macaque

Catalog #:CYPS-181

For research use only.

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.

Synonyms: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.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence:MAPVLPGEDS KNVAAPHSQP LTSSERIDKH IRYILDGISA LRKETCNRSN MCESSKEALA ENNLNLPKMA EKDGCFQSGF NEDTCLVKII TGLLEFEVYL EYLQNRFESS EEQARAVQMS TKVLIQFLQK KAKNLDAITT PEPTTNASLL TKLQAQNQWL QDMTTHLILR SFKEFLQSNL RALRQM

Purity: Greater than 97.0% as determined by SDS-PAGE and HPLC analyses.

Formulation:
Lyophilized from a 0.2

Stability:
Lyophilized IL-6 althoμgh stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-6 should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:
It is recommended to reconstitute the lyophilized IL-6 in sterile 18M-cm H2O not less than 100

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.

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

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