

IL 6 Human, HEK

Description:IL-6 Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 26-30kDa due to glycosylation. The IL6 is purified by proprietary chromatographic techniques.

Catalog #:CYPS-105

For research use only.

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:HEK.

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

Purity:Greater than 95% as observed by SDS-PAGE.

Formulation:

The IL6 was lyophilized from 1mg/ml in 1xPBS.

Stability:

Lyophilized IL-6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL6 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized IL-6 in sterile PBS containing 0.1% endotoxin-free recombinant HSA.

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:

The activity was determined by the dose dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line) and is typically 0.2-1ng/ml.

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