

IL 6 Human, His

Description:IL-6 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 204 amino acids fragment (30-212) and having a total molecular mass of 23.1kDa with a 20 aa N-terminal His tag. The IL-6 His is purified by proprietary chromatographic techniques.

Catalog #:CYP5-491

For research use only.

Synonyms:IFN- β 2, 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 clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MVPPGEDSKD VAAPHRQPLT
SSERIDKQIR YILDGISALR KETCNKSNMC ESSKEALAEN NLNLPKMAEK DGCFQSGFNE
ETCLVKIITG LLEFEVYLEY LQNRFSSEE QARAVQMSTK VLIQFLQKKA KNLDAITTPD
PTTNASLLTK LQAQNQLWLD MTTHLILRSF KEFLQSSLRA LRQM.

Purity:Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Formulation:

Interleukin-6 His-Tag protein (0.5mg/ml) is supplied in Phosphate buffered saline pH 7.4 and 10% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's 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.

Introduction:

Interleukin-6 is a potent pro-inflammatory cytokine primarily produced by activated T cells and an assortment of other cells including endothelial cells and macrophages. IL-6 affects B and T lymphocytes and has been shown to have a role in host defense, acute phase reactions, immune responses and hematopoiesis.

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