

## 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 #:**CYPS-491

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:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MVPPGEDSKD VAAPHRQPLT  
SSERIDKQIR YILDGISALR KETCNKSNMC ESSKEALAEN NLNLPKMAEK DGCFSQGFNE  
ETCLVKIITG LLEFEVYLEY LQNRFSSEE QARAVQMSTK VLIQFLQKKA KNLDAITTPD  
PTTNASLLTK LQAQNQWLQD 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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