

**IL-6, 30-212 aa, Human, His-tagged, Recombinant, E.coli**

**Cat.NO.: TP02601**

3th Edition

**Synonyms:**HGF, HSF, BSF2, IL-6, IFNB2

**Description:**Interleukin-6, as known as IL-6, is an immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. It is also a "myokine," a cytokine produced from muscle, and is elevated in response to muscle contraction. IL-6 acts as both a pro-inflammatory and anti-inflammatory cytokine. Smooth muscle cells in the tunica media of many blood vessels also produce IL-6. It is mediated through its inhibitory effects on TNF-alpha and IL-1, and activation of IL-1ra and IL-10.

**Form:**Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol

**Molecular Weight:**23.1 kDa (204 aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMVPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESSKEA  
LAENNLNLPKMAEKDGCQSGFNEETCLVKIITGLLEFEVYLEYLQNRFSSEEQARAVQMSTKVLIQFLQKKAKNL  
DAITTPDPTTNASLLTKLQAQNQWLQDMTTHLILRSFKEFLQSSLRALRQM

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.