

Interleukin-6, 30-212aa, Human, His tag, Insect cell (Bioactivity Validated)

Cat.NO.: TP02681

3th Edition

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

Description:IL6, also known as interleukin 6. It is a cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. This protein plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation. Recombinant human IL6 protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In phosphate buffered saline (pH 7.4)

Molecular Weight:20.9kDa (184aa)

Sequences:

MVPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESSKEALAENNLNLPKMAEKDGCFS
GFNEETCLVKIITGLLEFEVYLEYLQNRFSSEEQARAVQMSTKVLIQFLQKKAKNLDAITTPDPTTNASLLTKLQAQN
QWLQDMTTHLILRSFKEFLQSSLRALRQM

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by BCA)

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.