

## 32-6430: IL6 Human, Sf9

**Application :** Functional Assay  
**Alternative Name :** BSF2, HGF, HSF, IFNB2, IL-6.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Interleukin-6 or Il-6 is a cytokine with a large assortment of biological functions. IL-6 it has a crucial part in the last differentiation of b-cells into ig-secreting cells. This cytokine also induces myeloma and plasmacytoma growth. Interleukin-6 induces nerve cells differentiation, among hepatocytes it induces acute phase reactants.

IL6 Human Recombinant produced in Baculovirus is a single glycosylated polypeptide chain containing 189 amino acids (30-212aa) and having a molecular mass of 21.6kDa.(Migrates at 18-28kDa on SDS-PAGE under reducing conditions).IL6 is fused to a 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** IL6 protein (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** VPPGEDSKDV AAPHRQPLTS SERIDKQIRY ILDGISALRK ETCNKSNMCE SSKEALAENNLNLPKMAEKD  
GCFQSGFNEE TCLVKIITGL LEFEVYLEYL QNRFESSEEQ ARAVQMSTKVLIQFLQKKAK NLDAITTPDP  
TTNASLLTKL QAQNQWLQDM TTHLILRSFK EFLQSSLRAL RQMHHHHHH.

### Application Note

The ED50, determined by cell proliferation assay using TF-1 human erythroleukemic cell, is 0.2 - 0.8 ng/ml .