

## 32-1415: IL 6 HEK Recombinant Protein

**Alternative Name** 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.

### Description

Source : HEK. IL-6 Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 26-30kDa due to glycosylation. The IL6 is purified by proprietary chromatographic techniques. IL-6 is a cytokine with a wide variety of biological functions: it plays an essential role in the final differentiation of b-cells into ig-secreting cells, it induces myeloma and plasmacytoma growth, it induces nerve cells differentiation, in hepatocytes it induces acute phase reactants.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 95% as observed by SDS-PAGE.  
**Content :** The IL6 was lyophilized from 1mg/ml in 1xPBS.  
**Storage condition :** Lyophilized IL-6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL6 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Application Note

It is recommended to reconstitute the lyophilized IL-6 in sterile PBS containing 0.1% endotoxin-free recombinant HSA. The activity was determined by the dose dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line) and is typically 0.2-1ng/ml.

