

## 32-8235: Recombinant Mouse Interleukin-6/IL-6

**Gene :** Il6  
**Gene ID :** 16193  
**Uniprot ID :** P08505

### Description

Source: E. coli.  
MW :21.8kD.

Recombinant Mouse Interleukin-6 is produced by our E.coli expression system and the target gene encoding Phe25-Thr211 is expressed. Interleukin-6 (IL-6) is a pro-inflammatory cytokine that also has an important role in immunity. Mouse IL-6 appears to be directly involved in the responses that occur after infection and injury and may prove to be as important as IL-1 in regulating the acute phase response. Mouse IL-6 is reported to be produced by fibroblasts, activated T cells, activated monocytes or macrophages, and endothelial cells. It acts upon a variety of cells, including fibroblasts, myeloid progenitor cells, T cells, B cells and hepatocytes. IL-6 has 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, nerve cells differentiation in hepatocytes, and acute phase reactants.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MFPTSQVRRGDFTEDTTPNRPVYTTSQVGLITHVLWEIVEMRKELCNGNSDCMNNDDALAENNLKLPFIQRN DGCYQTGYNQEICLLKISSGLLEYHSYLEYMKNNLKDKNKKDKARVLQRDTETLIHIFNQEVKDLHKIVLPTPISNA LLTDKLESQKEWLRTKTIQFILKSLEEFKLVTLRSTRQT

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.