

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 : MFPTSQVRRGDFTEDTTPNRPVYTTSQVGGLITHVLWEIVEMRKELCNGNSDCMNNDDALAENNLKLPEIQRN
DGCYQTGYNQEICLLKISSGLLEYHSYLEYMKNNLKDKNKKDKARVLQRDTETLIHIFNQEVKDLHKIVLPTPISNA
LLTDKLESQKEWLRRTKIQFILKSLEEFKLVTLRSTRQT

Application Note

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