

Mouse IL 6 Recombinant Protein



RPPB0529

Product Information Protein Information

Product SKU:

RPPB0529

Accession:

P08505

Host:

Sf9, Baculovirus cells.

Protein description:

Interleukin-6 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 193 amino acids (25-211a.a.) and having a molecular mass of 22.5kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). IL6 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Interleukin-6, IL-6, B-cell hybridoma growth factor, Interleukin HP-1.

Formulation:

IL 6 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95% as determined by SDS-PAGE.

Stability:

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 Sequence:

FPTSQVRRGD FTEDTTPNRP VYTTSQVGGL ITHVLWEIVE MRKELCNGNS DCMNND DALA ENNLKLPEIQ
RNDGCYQTGY NQEICLLKIS SGLLEYHSYL EYMKNLKD N KKDKARVLQR DTETLIHIFN QEVKDLHKIV
LPTPISNALL TDKLESQKEW LRTKTIQFIL KSLEEF LKVT LRSTRQTHHH HHH.

Biological Activity:

Measured in a cell proliferation assay using M-NFS-60 mouse B cell. The ED50 for this effect is less or equal to 0.1 ng/ml.