

Human IL6 Recombinant Protein



RPPB0526

Product Information Protein Information

Product SKU:

RPPB0526

Accession:

P05231

Host:

Sf9, Baculovirus cells.

Protein description:

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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

BSF2, HGF, HSF, IFNB2, IL-6.

Formulation:

IL6 protein (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95.0% 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:

VPPGEDSKDV AAPHRQPLTS SERIDKQIRY ILDGISALRK ETCNKSNMCE SSKEALAENLNLPKMAEKD
GCFQSGFNEE TCLVKIITGL LEFEVYLEYL QNRFESSEEQ ARAVQMSTKVLIQFLQKKAK NLDAITTPDP
TTNASLLTKL QAQNQWLQDM TTHLILRSFK EFLQSSLRAL RQMHHHHHHH.

Biological Activity:

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