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# 32-1419: rmIL 6 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 : Escherichia Coli. IL 6 Rhesus Macaque Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 186 amino acids and having a molecular mass of 21.1kDa.The IL 6 Rhesus Macaque 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

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| **Amount :** | 10 µg |
| **Purification :** | Greater than 97.0% as determined by SDS-PAGE and HPLC analyses. |
| **Content :** | Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4. |
| **Storage condition :** | Lyophilized IL-6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-6 should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles. |
| **Amino Acid :** | MAPVLPGEDS KNVAAPHSQP LTSSERIDKH IRYILDGISA LRKETCNRSN MCESSKEALA ENNLNLPKMA EKDGCFQSGF NEDTCLVKII TGLLEFEVYL EYLQNRFESS EEQARAVQMS TKVLIQFLQK KAKNLDAITT PEPTTNASLL TKLQAQNQWL QDMTTHLILR SFKEFLQSNL RALRQM |

## Application Note

It is recommended to reconstitute the lyophilized IL-6 in sterile 18M-cm H2O not less than 100Ã‚Âµg/ml, which can then be further diluted to other aqueous solutions. Fully biologically active when compared to standard. The ED50 determined by a cell proliferation assay using IL-6-dependent murine 7TD1 cells is less than 0.1ng/ml, corresponding to a specific activity of > 1.0 Ã‚â‚‚ 10,000,000 IU/mg.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***