

Human IL5 Recombinant Protein



RPPB0516

Product Information Protein Information

Product SKU:

RPPB0516

Accession:

P05113

Host:

Sf9, Baculovirus cells.

Protein description:

Interleukin-5 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 124 amino acids (20-134a.a.) and having a molecular mass of 14.2kDa (Molecular size on SDS-PAGE will appear at approximately 13.5-18kDa).IL5 is expressed with a 6 amino acid His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

EDF, BCDfII, TRF, T-cell replacing factor, Eosinophil differentiation factor, B cell differentiation factor I, IL-5.

Formulation:

IL5 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% 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:

ADPIPTIPT SALVKETLAL LSTHRTLLIA NETLRIPVPV HKNHQLCTEE IFQGIGTLES QTVQGGTVER LFKNLSLIKK YIDGQKKKCG EERRRVNQFL DYLQEFLGVM NTEWIESHH HHHH.

Biological Activity:

Measured in a cell proliferation assay using TF-1 human erythroleukemic cell. The ED50 for this effect is less or equal to 1.5 ng/ml.