

Human IL 4 Recombinant Protein



RPPB0506

Product Information Protein Information

Product SKU:

RPPB0506

Accession:

P05112

Host:

Escherichia Coli.

Protein description:

Interleukin-4 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 150 amino acids fragment (25-153) and having a total molecular mass of 17.2kDa. The IL-4 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

BCGF, BCDF, B cell stimulating factor, BSF-1, Lymphocyte stimulatory factor 1, IL-4, MGC79402, Binetrakin, Pitrakinra.

Formulation:

Interleukin-4 His-Tag is supplied in 20mM Tris-HCl 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). Please avoid freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MHKCDITLQE IIKTLNSLTE QKTLCTELTV TDIFAASKNT TEKETFCAA
TVLRQFYSHH EKDTRCLGAT AQQFHRHKQL IRFLKRLDRN LWGLAGLNSC PVKEANQSTL ENFLERLKI
MREKYSKCSS.

Biological Activity:

The ED50 for this effect is <0.5ng/ml. Measured in a cell proliferation assay using TF1 human erythroleukemic cells.