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Product Datasheet

Recombinant Human IL-3 (N-6His) EBT-EPT177

Artikelname	Recombinant Human IL-3 (N-6His)
Artikelnummer	EBT-EPT177
Hersteller Artikelnummer	EPT177
Alternativnummer	EBT-EPT177-10
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human Interleukin-3 is produced by our E.coli expression system and the target gene encoding Ala20-Phe152 is expressed with a 6His tag at the N-terminus....
Molekulargewicht	Molecular weight: 16.6 KDa. Apparent molecular weight: 13-16 KDa, reducing conditions
UniProt	P08700
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test. Biological activity: Loaded Human IL-3RA-Fc(CatCU77) on Protein A Biosensor, can bind Human IL-3(CatCF63) with an affinity constant of 3.89uM as determined in BLI assay.. Background: Interleukin-3 (IL-3) is a potent growth promoting cytokine. IL-3 can stimulate the proliferation and differentiation of pluripotent hematopoietic stem cells as well as various lineage committed progenitors. IL-3 exerts its biological function through binding to specific cell surface receptors. The amino acid sequences of this protein among different species share relatively low identity and its activity is highly species-specific. IL-3 has also been shown to possess neurotrophic activity, and is thought to be associated with neurologic disorders