



Product Datasheet

Product Name	Interleukin-3 Human Recombinant, His Tag
Cata No	CB500384
Source	<i>Escherichia Coli.</i>
Synonyms	MCGF (Mast cell growth factor), Multi-CSF, HCGF, P-cell stimulation factor, IL-3, MGC79398, MGC79399.

Description

Interleukin-3 is a pleiotropic cytokine produced primarily by activated T cells. IL-3 is thought to function via specific cell surface receptors to stimulate the proliferation, differentiation and survival of haematopoietic cell lines. IL-3 has also been shown to affect the functional activity of a variety of other cell types including mast cells, eosinophils, megakaryocytes and basophils. Interleukin-3 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 133 amino acids fragment (20-152) and having a total molecular mass of 15 kDa with an amino-terminal hexahistidine tag. The IL3 His is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

Interleukin-3 His is supplied in 1x PBS and 50% glycerol.

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.

Please avoid freeze thaw cycles.