



Product Datasheet

Product Name	Interleukin-6 Human Recombinant, His Tag
Cata No	CB500386
Source	<i>Escherichia Coli.</i>
Synonyms	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

Interleukin-6 is a potent pro-inflammatory cytokine primarily produced by activated T cells and an assortment of other cells including endothelial cells and macrophages. IL-6 affects B and T lymphocytes and has been shown to have a role in host defense, acute phase reactions, immune responses and hematopoiesis.

IL-6 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 184 amino acids fragment (29-211) and having a total molecular mass of 25.4 kDa with an amino-terminal hexahistidine tag.

The IL-6 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-6 His-Tag protein is supplied in 10mM Tris HCl pH 8.0 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.