



Interleukin-1 beta, His Tag, human recombinant (rHuIL-1-beta-His)

Catalog No: 95012
Lot No: XXXXX
Source: *E. coli*
Synonyms: Catabolin, Lymphocyte-activating factor (LAF), Endogenous Pyrogen (EP), Leukocyte Endogenous Mediator (LEM), Mononuclear Cell Factor (MCF), IL1F2, IL-1 beta

Background

Interleukin-1b is a potent pro-inflammatory cytokine produced by a wide variety of cell types including monocytes and macrophages. It displays a broad range of biological activity including activation of B and T cells in response to inflammation and the activation of endothelial cells.

Description

Interleukin-1 beta His Tag human recombinant produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 153 amino acids (117-269) and having a total molecular mass of 21.88 kDa with an N-terminal hexahistidine tag. IL-1b His is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered clear solution.

Formulation

IL-1b His (1 mg/ml) is supplied in 20 mM Tris-HCl, pH8.0 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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.

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