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IL 3 Human, His

Interleukin-3 Human Recombinant, His Tag
CYK0316

Product Overview

Name	IL 3 Human, His

Description

Interleukin-3 Human Recombinant, His Tag

Accession (Primary)	P08700

Synonyms

MCGF (Mast cell growth factor), Multi-CSF, HCGF, P-cell stimulation factor, IL-3, MGC79398, MGC79399.

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

Interleukin-3 His (1mg/ml) is supplied in 20mM Tris-HCl buffer (pH 8.0), 0.2mM PMSF and 10% 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by analysis by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MAPMTQTTSL KTSWVNCSNM IDEIITHLKQ PPLPLLDFNN LNGEDQDILM ENNLRRPNLE AFNRAVKSLQ NASAIESILK NLLPCLPLAT AAPTRHPIHI KDGDWNEFRR KLTFYLKTLE NAQAQQTTLS LAIF.

Biological Activity