www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

IL 3 Human, His

Catalog #:CYPS-489

For research use only.

Description: Interleukin-3 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 154 amino acids fragment (20-152) and having a total molecular mass of 17.3kDa and fused with a 20 aa N-terminal His tag. The IL3 His is purified by proprietary chromatographic techniques.

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

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

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

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

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Interleukin-3 is a pleiotropic cytokine produced primarily by activated T cells. IL-3 is thoμght 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.

Biological Activity:
The ED50 for this effect is <0.53ng/ml. Measured in a cell proliferation assay using TF1 human erythroleukemic cells.

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)
Request a CATALOG CLICK HERE