9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL3 Mouse, sf9

Interleukin-3 Mouse Recombinant, sf9
CYK0422

Product Overview

Name	IL3 Mouse, sf9
Description	
Interleukin-3 Mouse Recombinant, sf9	
Accession (Primary)	P01586
Synonyms	
Interleukin-3, Interleukin-3, sf9, IL3 sf9, L-3, Hematopoietic growth factor, Mast cell growth factor, MCGF, Multipotential colony-stimulating factor, P-cell-stimulating factor, Il3, Csfmu, Il-3, BPA, Csfmu, HCGF, Il-3, MCGF, PSF.	
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	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
IL3 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 SDS-PAGE.	
Amino acid sequence	
ASISGRDTHR LTRTLNCSSI VKEIIGKLPE PELKTDDEGP SLRNKSFRRV NLSKFVESQG EVDPEDRYVI KSNLQKLNCC LPTSANDSAL PGVFIRDLDD FRKKLRFYMV HLNDLETVLT SRPPQPASGS VSPNRGTVEC LE HHHHHH .	
Biological Activity	

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The ED50 is Measured in a cell proliferation assay using TF-1 human erythroleukemic and is ≤ 0.1 ng/ml.

Precautions

IL3 Mouse, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01586)