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

GMCSF Poricne, His

Granulocyte Macrophage-Colony Stimulating Factor Porcine Recombinant, His Tag
GRF0145

Product Overview

Name	GMCSF Poricne, His
Description	
Granulocyte Macrophage-Colony Stimulating Factor Porcine Recombinant, His Tag	
Accession (Primary)	Q29118
Synonyms	
CSF-2, MGI-1GM, GM-CSF, Pluripoietin-alpha, Molgramostin, Sargramostim	
Introduction	
The hematopoietic growth factor GM-CSF or granulocyte macrophage colony-stimulating factor, stimulates the development of neutrophils & macrophages, enhance proliferation and development of early erythroid megakaryocytic & eosinophilic progenitor cells. GM-CSF is secreted from the fibroblasts, monocytes, T-lymphocytes & endothelial cells. This protein blocks the migration of neutrophils & induces the biological activity of mature end-cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
GMCSF protein solution (0.5mg/ml) containing Phosphate-Buffered Saline (pH7.4).	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M APTRPPSPV TRPWQHVDAI KEALSLLNNS NDTAAVMNET VDVVCEMFDP QEPTCVQTRL NLYKQGLRGS LTRLKSPLTL LAKHYEQHCP LTEETSCETQ SITFKSFKDS LNKFLFTIPF DCWGPVKK	
Biological Activity	
The ED50 range is ≤ 40 ng/ml, and is measured in a cell proliferation assay using TF-1 human erythroleukemic cells.	

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Precautions

GMCSF Poricne, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q29118)