

GMF-gamma, human recombinant protein
Glia maturation factor gamma, GMF-gamma, GMFG, MGC126867
Catalog # PBV10462r

Specification

GMF-gamma, human recombinant protein - Product info

Primary Accession [O60234](#)
Calculated MW **16.8 kDa KDa**

GMF-gamma, human recombinant protein - Additional Info

Gene ID	9535
Gene Symbol	GMFG
Other Names	
Glia maturation factor gamma, GMF-gamma, GMFG, MGC126867	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	MSDSL VVCEVDPELTEKLRKFRFRKETD NAAII MKVDKDRQMVVLEEEFQNI SPEELKMELPERQ PRFVVYSYKYVHDDGRVSYPLCFIFSSPVGCKP EQQMMYAGSKNRLVQTAELTKVFEIRTTDDLTE AWLQEKLSFFR

Format
Liquid

Storage

-20°C; Sterile Filtered colorless clear solution of GMF-gamma protein containing 20 mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA and 10 % Glycerol.

GMF-gamma, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GMF-gamma, human recombinant protein - Images

GMF-gamma, human recombinant protein - Background

GMFG is a hematopoietic-specific protein that mediates the pluripotentiality and lineage commitment of human hematopoietic stem cells. Glia maturation factor gamma is a cytokine-responsive protein in EPO-induced and G-CSF-induced hematopoietic lineage development. Glia maturation factor also acts as a Nerve Growth Factor in nervous system development, angiogenesis and immune function. GMFG possesses hematopoietic tissue-specific gene expression, a promoter concentrated with high-score hematopoiesis-specific transcription factors, and molecular coevolution with a rudimentary blood/immune system. Glia Maturation Factor-Gamma (GMF-Gamma) Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 142 amino acids and having a total molecular mass of 16.8 kDa. Glia Maturation Factor-Gamma, GMF-Gamma, Human Recombinant is purified by proprietary chromatographic techniques.