

Recombinant Human Glia Maturation Factor, Gamma

Cat. No. GMFG-371H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human GMF-gamma protein, was expressed in E.coli and purified by using conventional chromatography techniques, 16.8 kDa (142 aa).
Species	Human
Source	E.coli
Description	Glia maturation factor gamma (GMF-gamma) is a cytokine-responsive protein in erythropoietin-induced and granulocyte-colony stimulating factor-induced hematopoietic lineage development. Also Glia maturation factor is a nerve growth factor implicated in nervous system development, angiogenesis and immune function. GMF-gamma possesses hematopoietic tissue-specific gene expression, a promoter concentrated with high-score hematopoiesis-specific transcription factors, and possible molecular coevolution with a rudimentary blood/immune system.
Sequences of amino acids	MSDSLIVVCEV DPELTEKLRK FRFRKETDNA AIIMKVDKDR QMVVLEEEFQ NISPEELKME LPERQPRFVV YSYKYVHDDG RVSYP LCFIF SSPVGCKPEQ QMMYAGSKNR LVQTAELTKV FEIRTTDDL T EAWLQEKL SF FR
Formulation	Liquid. In 20mM Tris-HCl (pH8.0) containing 1 mM DTT, 1 mM EDTA 10% glycerol
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name [GMFG glia maturation factor, gamma \[Homo sapiens \]](#)

Synonyms GMF-gamma; MGC126867; glia maturation factor, gamma; GMFG; Glia maturation factor gamma

Gene ID [9535](#)

mRNA Refseq [NM_004877](#)

Protein Refseq [NP_004868](#)

MIM [604104](#)

UniProt ID [O60234](#)

Chromosome Location 19q13.2

Pathway

Function actin binding; enzyme activator activity; growth factor activity; protein kinase inhibitor activity

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