

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	MSDSL VVCEV DPELTEKLRK FRFRKETDNA AIIMKVDKDR QMVVLEEEFQ NISPEELKME LPERQPRFVV YSYKYVHDDG RVSYP LCFIF SSPVGCKPEQ QMMYAGSKNR LVQTAELTKV FEIRTTDDL T EAWLQEKLSF 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)

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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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