

**GMF-?, 1-142 aa, Human, Recombinant, E.coli**

**Cat.NO.: TP02279**

3th Edition

**Synonyms:** Glia maturation factor, gamma

**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.

**Form:** Liquid. In 20mM Tris-HCl (pH8.0) containing 1 mM DTT, 1 mM EDTA 10% glycerol

**Molecular Weight:** 16.8 kDa (142 aa), confirmed by MALDI-TOF

**Sequences:**

MSDSL VVCEVDPEL TEKL RKFR FRKETD NAAIIMKV DKDRQM VVLEEE FQNI SPEELK MELPER QPRF VVYSYKYVH  
DDGRVSYPLCFIFSSPVGCKPEQQMMYAGSKNRLVQTAE LTKVFEIRTTDDL TEAWLQEKL SFFR

**Purity:** > 95% by HPLC

**Concentration:** 1 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**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.