

32-1297: GMFG Recombinant Protein

Alternative Name : Glia maturation factor gamma,GMF-gamma,GMFG,MGC126867.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The GMF-gamma protein contains 20mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA and 10% Glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Amino Acid :	MSDSLIVCEV DPETKLRK FRFRKETDNA AIIMKVDKDR QMVVLEEEFQ NISPEELKME LPERQPRFVV YSKYVHDDG RVSYPICFIF SSPVGCKPEQQMMYAGSKNR LVQTAELTKV FEIRTTDDL T EAWLQEKLSF FR.

