

Datasheet for ABIN935015
GMFG Protein (AA 1-142)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	GMFG
Protein Characteristics:	AA 1-142
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MSDSLWVCEV DPELTEKLRK FRFRKETDNA AIIMKVDKDR QMVLLEEEFQ NISPEELKME LPERQPRFV YSYKYVHDDG RVSYP LCFIF SSPVGCKPEQ QMMYAGSKNR LVQTAELTKV FEIRTTDDL T EAWLQEKL SF FR
Characteristics:	Purified recombinant Human GMFgamma protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 90 % pure
Endotoxin Level:	< 1.0 EU per µg of protein (determined by LAL method)

Target Details

Target:	GMFG
Alternative Name:	GMF gamma (GMFG Products)

Target Details

Background: 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. Recombinant human GMF-gamma protein, was expressed in *E. coli* and purified by using conventional chromatography techniques.

Alternative Names: gamma GMF GAMMA protein, gamma protein, MGC126867., Glia maturation factor protein, Glia maturation factor protein

Molecular Weight: 16.8 kDa (142 AA)

Application Details

Application Notes: GMF gamma protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl, pH 8.0, containing 0 mM DTT, 0 mM EDTA, and 10 % glycerol.

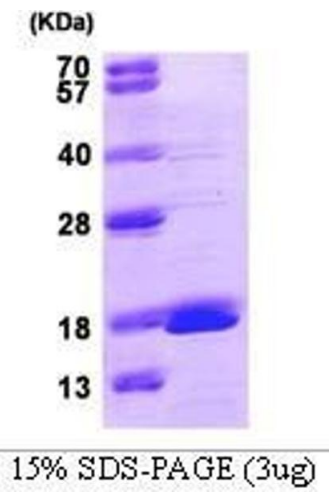
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.