

GMFG 抗原（重组蛋白）

中文名称：GMFG 抗原（重组蛋白）

英文名称：GMFG Antigen (Recombinant Protein)

别名：GMF-GAMMA

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	glia maturation factor, gamma
Synonyms:	GMF-GAMMA
Swissprot:	O60234
Gene Accession:	BC080180
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Glia maturation factor, gamma, also known as GMFG, is a 142 amino acid protein that belongs to the GMF subfamily of the larger actin-binding protein ADF family. GMF-gamma is expressed predominantly in lung, heart and placenta. GMF-gamma is considered a candidate regulatory growth factor protein, mediating both paracrine and autocrine cell-cell interactions. GMF-gamma is phosphorylated at N-terminal serine, and its phosphorylation is enhanced by coexpression

of dominant active Rac 1 and Cdc42. GMF-gamma expression is significantly increased in a cardiac ischemia/reperfusion model where inflammation and angiogenesis take place actively. As a regulator of actin-based cellular functions, GMF-gamma may provide a novel approach to modulate the pathophysiology of cardiovascular diseases. GMF-gamma is primarily found in proliferative and differentiative organs.