

GMFB 抗原（重组蛋白）

中文名称： GMFB 抗原（重组蛋白）

英文名称： GMFB Antigen (Recombinant Protein)

别名： glia maturation factor, beta; GMF

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 2-142 amino acids of human GMFB

技术规格

Full name:	glia maturation factor, beta
Synonyms:	GMF
Swissprot:	P60983
Gene Accession:	BC005359
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This protein, which is phosphorylated following phorbol ester stimulation, is important for the nervous system. It causes brain cell differentiation, stimulates neural regeneration and inhibits tumor cell proliferation. Overexpression of GMF in astrocytes has been shown to enhance brain-derived neurotrophic factor (BDNF) production. GMF expression is increased by exercise, and the protein is crucial for exercise-induction of BDNF. Through BDNF production, GMF appears to play a role in neuroprotection. In thymoma, T-cell development is maintained by GMF- β being produced by the tumor cells.

