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GMF-β

Catalog # PVGS1175

Product Information

Primary Accession	Q9CQI3
Species	Mouse
Sequence	Ser2-His142
Purity	> 97% as analyzed by SDS-PAGE > 97% as analyzed by HPLC
Endotoxin Level	
Expression System	E. coli
Theoretical Molecular Weight	16.6 kDa
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS, pH 7.4.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Storage & Stability	Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

Additional Information

Gene ID	63985
Other Names	Glia maturation factor beta, GMF-beta, Gmfb
Target Background	Glia maturation factor-beta(GMF-β) coded by GMFb gene at chromosome 14 in mouse, is identical to human GMF-β, with the exception of two amino acid residues. It is a brain-specific protein that belongs to the actin-binding proteins (ADF) structural family, and plays an important role in the upstream regulation of excessive production and the releasing of proinflammatory cytokines/chemokines in brain cells, leading to the destruction of oligodendrocytes, the myelin forming cells, and neurons.

Protein Information

Name	Gmfb
Function	This protein causes differentiation of brain cells, stimulation of neural

regeneration, and inhibition of proliferation of tumor cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.