

Recombinant Human GMFG

Catalog No: #GP11172



Package Size: #GP11172-1 100ug

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Description

Product Name	Recombinant Human GMFG
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	glia maturation factor, gamma
Other Names	GMF-GAMMA
Accession No.	Swissprot:O60234Gene Accession:BC080180
Uniprot	O60234
GeneID	9535;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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