GMFG Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	GMFG, Lysate
Full Product Name	Human GMFG Protein Lysate
Product Gene Name	GMFG lysate
Product Synonym Names	GMFG; GMF-GAMMA; GMF-GAMMA
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	16.8 kDa (142 aa), confirmed by MALDI-TOF.
OMIM	604104
3D Structure	ModBase 3D Structure for O60234
Related Product Information for GMFG lysate	Human GMFG Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of GMFG lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GMFG purchase	MBS8412367 is a lysate targeting GMFG. Also known as Human GMFG Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GMFG. It may not necessarily be applicable to this product.

NCBI GI #	4758440
NCBI GeneID	9535
NCBI Accession #	NP_004868
UniProt Primary Accession #	O60234
UniProt Secondary Accession #	Q6IB37
UniProt Related Accession #	O60234
GenBank Nucleotide #	NM_004877
NCBI Official Full Name	glia maturation factor gamma isoform 1
NCBI Official Synonym Full Names	glia maturation factor gamma
NCBI Official Symbol	GMFG
NCBI Official Synonym Symbols	GMF-GAMMA
UniProt Protein Name	Glia maturation factor gamma
Protein Family	Glia maturation factor

UniProt Gene Name	GMFG
UniProt Synonym Gene Names	GMF-gamma
UniProt Entry Name	GMFG_HUMAN
NCBI Protein Information	glia maturation factor gamma
UniProt Comments for GMFG	GMF-gamma: Belongs to the actin-binding proteins ADF family. GMF subfamily. Protein type: Actin-binding Chromosomal Location of Human Ortholog: 19q13.2 Cellular Component: intracellular Molecular Function: growth factor activity; protein kinase inhibitor activity; enzyme activator activity; actin binding Biological Process: positive regulation of catalytic activity; negative regulation of protein kinase activity; protein amino acid phosphorylation
Research Articles on GMFG	**1.** High GMF-GAMMA expression is associated with colorectal cancer metastasis.
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