G-Protein-Signaling Modulator 3 (GPSM3) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	G-protein-signaling modulator 3 (Gpsm3), Recombinant Protein
Full Product Name	Recombinant Mouse G-protein-signaling modulator 3 (Gpsm3)
Product Gene Name	Gpsm3 recombinant protein
Product Synonym Gene Name	Gpsm3
Sequence	MEAERPQEED GEQSLPQDDQ GWPPVNATAR PWRSAPPSPP PPGTRHTALG PRSGSLLSLQ TELLLDLVAE AQSRRLEEQR ATFHTPEAPP NLAPAPPRLL EDKEQLYSTI LSHQCQRIEA QRSDPPLPPG GQELLELLLR VQGGGRMEEQ RSRPPTHTC
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	13,492 Da
Sequence Positions	1-159, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q3U1Z5
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Gpsm3 recombinant protein	MBS1422971 is a recombinant protein targeting Gpsm3. Also known as Recombinant Mouse G-protein-signaling modulator 3 (Gpsm3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Gpsm3 recombinant protein 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Gpsm3. It may not necessarily be applicable to this product.

NCBI GI #	19527346
NCBI GeneID	106512
NCBI Accession #	NP_598877.1
UniProt Primary Accession #	Q3U1Z5
UniProt Secondary Accession #	Q3U1M8; Q3UJZ5; Q8VDF9
UniProt Related Accession #	Q3U1Z5

GenBank Nucleotide #	NM_134116.5
NCBI Official Full Name	G-protein-signaling modulator 3
NCBI Official Synonym Full Names	G-protein signalling modulator 3 (AGS3-like, C. elegans)
NCBI Official Symbol	Gpsm3
NCBI Official Synonym Symbols	AGS4; AA960287
UniProt Protein Name	G-protein-signaling modulator 3
Protein Family	G-protein-signaling modulator
UniProt Gene Name	Gpsm3
NCBI Protein Information	G-protein-signaling modulator 3
UniProt Comments for Gpsm3	Interacts with subunit of G(i) alpha proteins and regulates the activation of G(i) alpha proteins.
Research Articles on Gpsm3	**1.** findings suggest that GPSM3 acts as a direct negative regulator of NLRP3 function.
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