UPF0160 Protein MYG1, Mitochondrial (MYG1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0160 protein MYG1, mitochondrial (Myg1), Recombinant Protein
Full Product Name	Recombinant Mouse UPF0160 protein MYG1, mitochondrial (Myg1)
Product Gene Name	Myg1 recombinant protein
Product Synonym Gene Name	Myg1
Sequence	GTHNGTFHCD EALACALLRL LPEYANAEIV RTRDPEKLAS CDIVVDVGGE YNPQSHRYDH HQRTFTETMS SLCPGKPWQT KLSSAGLVYL HFGRKLLAQL LGTSEEDSVV DTIYDKMYEN FVEEVDAVDN GISQWAEGEP RYAMTTTLSA RVARLNPTWN QPNQDTEAGF RRAMDLVQEE FLQRLNFYQH SWLPARALVE EALAQRFKVD SSGEIVELAK GGCPWKEHLY HLESELSPKV AITFVIYTDQ AGQWRVQCVP KEPHSFQSRL PLPEPWRGLR DKALDQVSGI PGCIFVHASG FIGGHHTREG ALNMARATLA QRPAPVPLAN AVVQ
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	42,723 Da
Sequence Positions	47-380, 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 Q9JK81
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Myg1 recombinant protein	MBS1331716 is a recombinant protein targeting Myg1. Also known as Recombinant Mouse UPF0160 protein MYG1, mitochondrial (Myg1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Myg1 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 Myg1. It may not necessarily be applicable to this product.

NCBI GI #	11096332
NCBI GeneID	60315
NCBI Accession #	NP_068359.1
UniProt Primary Accession #	Q9JK81
UniProt Secondary Accession #	Q9CYX0

UniProt Related Accession #	Q9JK81
GenBank Nucleotide #	NM_021713.2
NCBI Official Full Name	UPF0160 protein MYG1, mitochondrial
NCBI Official Synonym Full Names	melanocyte proliferating gene 1
NCBI Official Symbol	Myg1
NCBI Official Synonym Symbols	Gamm1; AI325965; 0610023A07Rik; 2810433J21Rik; 5830429P19Rik
UniProt Protein Name	UPF0160 protein MYG1, mitochondrial
UniProt Synonym Protein Names	Protein Gamm1
UniProt Gene Name	Myg1
NCBI Protein Information	UPF0160 protein MYG1, mitochondrial
Research Articles on Myg1	**1.** Myg1 knockout decreases several behavioural differences (anxiety- and stress-related responses) between male and female animals, indicating that Myg1 contributes to the expression of sex-dependent behavioural differences in mice.
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