UPF0539 Protein GA13399 (GA13399) Drosophila Pseudoobscura Pseudoobscura Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0539 protein GA13399 (GA13399), Recombinant Protein
Full Product Name	Recombinant Drosophila pseudoobscura pseudoobscura UPF0539 protein GA13399 (GA13399)
Product Gene Name	GA13399 recombinant protein
Product Synonym Gene Name	GA13399
Sequence	MDKEKLIAPN QMGYLILKDD GNLLDSGGDL KNDDRSANVI MGLLNLTDSI DEDFMPNSSC ERITIDYDQH YYSICMSNRR IYVVKLSKTH TQNGATTSSS SSTSYNDAAE GNNISSSTVL A
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	13,296 Da
Sequence Positions	1-121, 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 Q29EZ6
Species	Drosophila pseudoobscura pseudoobscura (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GA13399 recombinant protein	MBS1470587 is a recombinant protein targeting GA13399. Also known as Recombinant Drosophila pseudoobscura pseudoobscura UPF0539 protein GA13399 (GA13399). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GA13399 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 GA13399. It may not necessarily be applicable to this product.

NCBI GI #	969520852
NCBI GeneID	4812014
NCBI Accession #	XP_001352417.2
UniProt Primary Accession #	Q29EZ6
GenBank Nucleotide #	XM_001352381.2

NCBI Official Full Name	LOW QUALITY PROTEIN: uncharacterized protein Dpse_GA13399
NCBI Official Symbol	DpseGA13399
NCBI Official Synonym Symbols	dpse_GLEANR_8253; GA13399
UniProt Protein Name	Ragulator complex protein LAMTOR4 homolog
UniProt Synonym Protein Names	Late endosomal/lysosomal adaptor and MAPK and MTOR activator 4
UniProt Gene Name	GA13399
NCBI Protein Information	GA13399 gene product from transcript GA13399-RA
UniProt Comments for GA13399	Regulator of the TOR pathway, a signaling cascade that promotes cell growth in response to growth factors, energy levels, and amino acids. As part of the Ragulator complex, may activate the TOR signaling cascade in response to amino acids ().
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