Ubiquitin-Fold Modifier 1 (CG34191) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-fold modifier 1 (CG34191), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Ubiquitin-fold modifier 1 (CG34191)
Product Gene Name	CG34191 recombinant protein
Sequence	MSKVTFKITL TSDPKLPFKV LSVPEGTPFT AVLKFASEEF KVPAETSAII TDDGIGISPQ QTAGNVFLKH GSELRLIPRD RVG
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	9,438 Da
Sequence Positions	1-83, 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 A8DYH2
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CG34191 recombinant protein	MBS1215717 is a recombinant protein targeting CG34191. Also known as Recombinant Drosophila melanogaster Ubiquitin-fold modifier 1 (CG34191). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CG34191 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 CG34191. It may not necessarily be applicable to this product.

NCBI GI #	161077188
NCBI GeneID	5740715
NCBI Accession #	NP_001097354.1
UniProt Primary Accession #	A8DYH2
UniProt Secondary Accession #	C9QNX3
UniProt Related Accession #	A8DYH2
GenBank Nucleotide #	NM_001103884.4

NCBI Official Full Name	Ubiquitin-fold modifier 1, isoform A
NCBI Official Synonym Full Names	Ubiquitin-fold modifier 1
NCBI Official Symbol	Ufm1
NCBI Official Synonym Symbols	CG34191; DmelCG34191; dUFM1
UniProt Protein Name	Ubiquitin-fold modifier 1
UniProt Gene Name	CG34191
NCBI Protein Information	CG34191 gene product from transcript CG34191-RA
UniProt Comments for CG34191	Ubiquitin-like modifier protein which binds to a number of as yet unidentified target proteins.
Research Articles on CG34191	**1.** Loss of Urm1 directly or indirectly results in an activation of the JNK pathway and by extension elevated expression levels of multiple oxidative stress response genes, including Jafrac1 and gstD1.
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