Ubiquitin-Like Modifier-Activating Enzyme 5 (GM13085) Drosophila Sechellia Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-like modifier-activating enzyme 5 (GM13085), Recombinant Protein
Full Product Name	Recombinant Drosophila sechellia Ubiquitin-like modifier-activating enzyme 5 (GM13085)
Product Gene Name	GM13085 recombinant protein
Sequence	MSHAIDELQA IIADLKTELE TEPKSSVGVA SNSRLARDRI DRMSAEVVDS NPYSRLMALQ RMNIVKDYER IRDKAVAIVG VGGVGSVTAD MLTRCGIGKL ILFDYDKVEL ANMNRLFFTP DQAGLSKVAA AAATLSFINP DVEIETHNYN ITTVENFDRF LDTISQGGRI AGQPVDLVLS CVDNFEARMA INAACNERNL NWFESGVSEN AVSGHIQFIR PGDTACFACA PPLVVAENID EKTLKREGVC AASLPTTMGI TAGFLVQNAL KYLLNFGEVS DYLGYNALSD FFPKMTLKPN PQCDDRNCIV RQKEFQARPK PVVIEEKAVS EEPLHATNEW GIELVAEDAP QSNPTPAETP VMGEGLRLAY EAPEKSSETS EETVTAATAD ETSLEDLMAQ MKSM
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	44,156 Da
Sequence Positions	1-404, 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 B4IK21
Species	Drosophila sechellia (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GM13085 recombinant protein	MBS1166121 is a recombinant protein targeting GM13085. Also known as Recombinant Drosophila sechellia Ubiquitin-like modifier-activating enzyme 5 (GM13085). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GM13085 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 GM13085. It may not necessarily be applicable to this product.

NCBI GI #	195355201
NCBI GeneID	6619868
NCBI Accession #	XP_002044081.1
UniProt Primary Accession #	B4IK21

UniProt Related Accession #	B4IK21
GenBank Nucleotide #	XM_002044045.1
NCBI Official Full Name	GM13085
NCBI Official Symbol	DsecGM13085
NCBI Official Synonym Symbols	dsec_GLEANR_13506; GM13085
UniProt Protein Name	Ubiquitin-like modifier-activating enzyme 5
UniProt Gene Name	GM13085
UniProt Synonym Gene Names	Ubiquitin-activating enzyme 5
NCBI Protein Information	GM13085 gene product from transcript GM13085-RA
UniProt Comments for GM13085	E1-like enzyme which activates UFM1.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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