Ubiquitin Carboxyl-Terminal Hydrolase Calypso (calypso) Drosophila Virilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin carboxyl-terminal hydrolase calypso (calypso), Recombinant Protein
Full Product Name	Recombinant Drosophila virilis Ubiquitin carboxyl-terminal hydrolase calypso (calypso)
Product Gene Name	calypso recombinant protein
Sequence	MNVAGGGTGT TAGSAGNNNT LPMAQLADGW LELESDPGLF TLLLEDFGCH DVQVEEVYDL QKPIESPYGF IFLFRWIEER RARRKIVETT AEIFVKDEEA ISSIFFAQQV VPNSCATHAL LSVLLNCNEN NLQLGETLSR LKAHTKGMSP ENKGLAIGNT PELACAHNSH AMPQARRRLE RTGAGVASCR FTGEAFHFVS FVPINGQLFE LDGLKPYPMN HGCWEEHEDW TDKFRRVMAE RLGIATGEQD IRFNLMAVVP DRRIAITHKL KMLRTNQAIV SGTLQKLLKA DEQGERDEQQ RPDTPNTLLE PSAFTARDLQ SLLKNLDTEI AINEQHLADE NDRRQMFKVD ASRRTHNYDK FICTFLTMLA HQGVLGELVS QHLLPSKKIS GQSAANRLNK QNSAAASTAN SSAGATAGGA KSQQQQQQQQ QPQQPQTPKN GKSPGKTPGR RRKGRNKCRK RK
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	51,378 Da
Sequence Positions	1-462, 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 B4LQ24
Species	Drosophila virilis (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for calypso recombinant protein	MBS1217856 is a recombinant protein targeting calypso. Also known as Recombinant Drosophila virilis Ubiquitin carboxyl-terminal hydrolase calypso (calypso). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of calypso 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 calypso. It may not necessarily be applicable to this product.

NCBI GI #	195380810
NCBI GeneID	6626878
NCBI Accession #	XP_002049154.1
UniProt Primary Accession #	B4LQ24

UniProt Related Accession #	B4LQ24
GenBank Nucleotide #	XM_002049118.2
NCBI Official Full Name	uncharacterized protein Dvir_GJ20906
NCBI Official Symbol	DvirGJ20906
NCBI Official Synonym Symbols	dvir_GLEANR_6311; GJ20906
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase calypso
UniProt Synonym Protein Names	BAP1 homolog
Protein Family	Ubiquitin carboxyl-terminal hydrolase calypso
UniProt Gene Name	calypso
NCBI Protein Information	GJ20906 gene product from transcript GJ20906-RA
UniProt Comments for calypso	Polycomb group (PcG) protein. Catalytic component of the PR-DUB complex, a complex that specifically mediates deubiquitination of histone H2A monoubiquitinated at 'Lys-118' (H2AK118ub1). Does not deubiquitinate monoubiquitinated histone H2B. Required to maintain the transcriptionally repressive state of homeotic genes throughout development. The PR-DUB complex has weak or no activity toward 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains ().
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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