Probable E3 Ubiquitin-Protein Ligase Dma1 (dma1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable E3 ubiquitin-protein ligase dma1 (dma1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Probable E3 ubiquitin-protein ligase dma1 (dma1)
Product Gene Name	dma1 recombinant protein
Product Synonym Gene Name	dma1
Sequence	MTKSVEGYLK EQELAAETDS EKDDDKISIR LTNFVGPNAH SFSFDPLVRY WNRKQNNLPI YIGRYTERYN GGDVSAIVFR SKVVSRRHAQ IFYENNTWYI QDMGSSSGTF LNHVRLSPPS KTSKPYPISN NDILQLGADY RGGHEVNYRC VRARVELNNS WKIKLSPYNL NEFKRMQELV LCGSSESGPP ECCICLMPVL PCQALFVAPC SHSYHYKCIR PTLNESHPYF SCFICRKYHD LEAPVEEGDE SLNDLLRNAT VKDDASE
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	30,597 Da
Sequence Positions	1-267, Full length
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 Q10322
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dma1 recombinant protein	MBS1470818 is a recombinant protein targeting dma1. Also known as Recombinant Schizosaccharomyces pombe Probable E3 ubiquitin-protein ligase dma1 (dma1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dma1 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 dma1. It may not necessarily be applicable to this product.

NCBI GI #	19114645
NCBI GeneID	2542409
NCBI Accession #	NP_593733.1
UniProt Primary Accession #	Q10322

GenBank Nucleotide #	NM_001019164.2
NCBI Official Full Name	mitotic spindle checkpoint protein Dma1
NCBI Official Symbol	dma1
UniProt Protein Name	Probable E3 ubiquitin-protein ligase dma1
UniProt Synonym Protein Names	RING-type E3 ubiquitin transferase dma1Curated
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	dma1
NCBI Protein Information	mitotic spindle checkpoint protein Dma1
UniProt Comments for dma1	Probable E3 ubiquitin-protein ligase which is a component of the spindle assembly checkpoint, required to prevent septum formation and premature exit from mitosis if spindle function is compromised. Inhibits the septation initiation netwok (SIN) during spindle checkpoint activation. The effect appears to be mediated through preventing the SIN activator, plo1 kinase, from localizing to the SPB.
Research Articles on dma1	**1.** Dma1 dimerization is required for proper localization at spindle pole bodies and the cell division site, E3 ligase activity, and mitotic checkpoint function
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/probable-e3-ubiquitin-protein-ligase-dma1-dma1/1470818