Probable Multifunctional Protein ADE2 (B0286.3) (B0286.3) Caenorhabditis Elegans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable multifunctional protein ADE2 (B0286.3), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis elegans Probable multifunctional protein ADE2 (B0286.3)
Product Gene Name	B0286.3 recombinant protein
Product Synonym Gene Name	B0286.3
Sequence	MSSLAEIASR PENLELLAEG KTKQIFDIKG EKDYVLIRSK DSLTAFNAVR KNELEGKSRI ASKTTSNVFE YLQLLGLPTH FEKSISETEF VARKCTMIPI EWVARRVATG SFLKRNPGVK EGFRFNDLKL ETFFKDDAND DPQWTDEQIV SNGLMIDHLK IGREEISLMK KMTKLVFRAL EKGWALSNSA LIDMKIEFGV TVEGEILLAD VIDNDSWRVW PENDRRLQLD KQVYRDMKEV TEEGLALVLK NYTKVMDITA TFSKHQQKCH VLVIMGSGSD GVFARKISDE AKKFGLETTL KVSSAHKTTS DTLEVIADFE ESGVPTVVIA VAGRSNGLGP VIAGNSSLPV INCPPPSEST SLDIWSSLRM PNGIGCTTVL DPSEAALAAA KILASHNHIV FGKVLTAQLK NQINIYNANR KLE
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	46,978 Da
Sequence Positions	1-423, 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 Q10457
Species	Caenorhabditis elegans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for B0286.3 recombinant protein	MBS1285641 is a recombinant protein targeting B0286.3. Also known as Recombinant Caenorhabditis elegans Probable multifunctional protein ADE2 (B0286.3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of B0286.3 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 B0286.3. It may not necessarily be applicable to this product.

NCBI GI #	17531275
NCBI GeneID	173772
NCBI Accession #	NP_494771.1

UniProt Primary Accession #	Q10457
UniProt Related Accession #	Q10457
GenBank Nucleotide #	NM_062370.5
NCBI Official Full Name	Phosphoribosylaminoimidazole-succinocarboxamide synthase
NCBI Official Symbol	pacs-1
UniProt Protein Name	Probable multifunctional protein ADE2
UniProt Synonym Protein Names	Phosphoribosylaminoimidazole-succinocarboxamide synthase (EC:6.3.2.6)Alternative name(s):SAICAR synthetase
Protein Family	Probable multifunctional protein
UniProt Gene Name	B0286.3
UniProt Synonym Gene Names	AIRC
NCBI Protein Information	Phosphoribosylaminoimidazole-succinocarboxamide synthase
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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