2',3'-Cyclic-Nucleotide 3'-Phosphodiesterase (cpd-1) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase (cpd-1), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa 2',3'-cyclic-nucleotide 3'-phosphodiesterase (cpd-1)
Product Gene Name	cpd-1 recombinant protein
Product Synonym Gene Name	cpd-1
Sequence	MPGSSLWLIP PPSHPLYPIL SFLISQHLPS DFPSEAGAAD ARLIPEFFAP HMTLSSGISP DLYGDDPQRW LDSIPWPSAD EVQVRFEGIS SQDTYYRRCY ARVKLDEGIK KIAGLARARG VNGEDDAKGA KTQEWLEWWR KEFGPHVSLM YGDVPISDDR LKEVAKVVEE AGVKLAEPEG NVEGNGWNGG VVWLVPTDRD IRDWKPIAKR VL
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	23,721 Da
Sequence Positions	1-212, 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 Q7S724
Species	Neurospora crassa (strain 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cpd-1 recombinant protein	MBS1332522 is a recombinant protein targeting cpd-1. Also known as Recombinant Neurospora crassa 2',3'-cyclic-nucleotide 3'-phosphodiesterase (cpd-1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cpd-1 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 cpd-1. It may not necessarily be applicable to this product.

NCBI GI #	758998802
NCBI GeneID	3876648
NCBI Accession #	XP_011394956.1
UniProt Primary Accession #	Q7S724
UniProt Secondary Accession #	V5IKP0

UniProt Related Accession #	Q7S724
GenBank Nucleotide #	XM_011396654.1
NCBI Official Full Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase
NCBI Official Symbol	NCU05539
UniProt Protein Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase
UniProt Gene Name	cpd-7
UniProt Synonym Gene Names	cpd1; CPDase
NCBI Protein Information	2',3'-cyclic-nucleotide 3'-phosphodiesterase; 2',3'-cyclic-nucleotide 3'-phosphodiesterase, variant
UniProt Comments for cpd-1	Involved in the metabolism of ADP-ribose 1',2'-cyclic phosphate which is produced as a consequence of tRNA splicing.
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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