Defective in Cullin Neddylation Protein 1 (dcn1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Defective in cullin neddylation protein 1 (dcn1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Defective in cullin neddylation protein 1 (dcn1)
Product Gene Name	dcn1 recombinant protein
Product Synonym Gene Name	dcn1
Sequence	MKPDTVSLTR AFSKATSTSS KAALSWLKKY NFDYDVAYTK WIQQKSREEA EKQLNNVFSQ FSSKEDKDLI ELDGSVQLFT ALDISLEDPE TLLVSYFLKS PRMGEFHRES FVEGALNLST TSLDQLKLAI KEKVQVWRSD ASLQKAIYIY TYPLACDKGK KTLSTSIAIE FFQILLKDTF PLLDDWIAFL KVSPIIEKSL PKDTWNELWD FSVFVKSDPN CSNYDFEGAW PTLIDEFVSY YREHGYKNSS S
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	28,916 Da
Sequence Positions	1-251, 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 Q8WZK4
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dcn1 recombinant protein	MBS1398635 is a recombinant protein targeting dcn1. Also known as Recombinant Schizosaccharomyces pombe Defective in cullin neddylation protein 1 (dcn1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dcn1 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 dcn1. It may not necessarily be applicable to this product.

NCBI GI #	19112035
NCBI GeneID	2541135
NCBI Accession #	NP_595243.1
UniProt Primary Accession #	Q8WZK4

GenBank Nucleotide #	NM_001021149.2
NCBI Official Symbol	SPBC839.03c
UniProt Protein Name	Defective in cullin neddylation protein 1
Protein Family	Defective in cullin neddylation protein
UniProt Gene Name	dcn1
NCBI Protein Information	neddylation protein Dcn1 (predicted)
UniProt Comments for dcn1	May contribute to neddylation of cullin components of SCF-type E3 ubiquitin ligase complexes. Neddylation of cullins play an essential role in the regulation of SCF-type complexes activity ().
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