Protein Doublecortin (dcx) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein doublecortin (dcx), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Protein doublecortin (dcx)
Product Gene Name	dcx recombinant protein
Product Synonym Gene Name	dcx
Sequence	MTSTSGKPKM EKFGLQTDKS ARVILFRNGD RYHVEGVHCL VHSSKFKTFD QLKLEFSKKV GLFTGNVQKV YSMDKKRIQD IKDFVDGHHY ICCGAEPLNT EVIPKGIQDI FGKAEVSDQD DEPKPSKPFV SSVPPPPTPT PTSSSGTTTT SQPTLSASPS VSSAQSPKKP VVSAYKESAV HSIDKFSVQT EKAKVIMCFR NGDRYHSGER VTVHSTKFKT YDQLKEQLSK QVKLPTGPVR KLYLASSGKL VKTMEEIIDG EYYVCAGGET LNPLDFSPTL SEHVKQKKLQ EQQQQASEQQ KPQEQEIF
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	34,321 Da
Sequence Positions	1-308, 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 Q550F6
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dcx recombinant protein	MBS1295839 is a recombinant protein targeting dcx. Also known as Recombinant Dictyostelium discoideum Protein doublecortin (dcx). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dcx 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 dcx. It may not necessarily be applicable to this product.

NCBI GI #	66818633
NCBI GeneID	8620848
NCBI Accession #	XP_642976.1
UniProt Primary Accession #	Q550F6
GenBank Nucleotide #	XM_637884.1

NCBI Official Full Name	doublecortin domain-containing protein
NCBI Official Symbol	DDB_G0277115
UniProt Protein Name	Protein doublecortin
Protein Family	Neuronal migration protein doublecortin
UniProt Gene Name	dcx
UniProt Synonym Gene Names	DdDCX
NCBI Protein Information	doublecortin domain-containing protein
UniProt Comments for dcx	Has a cytoskeleton-independent function in chemotactic signaling during development.
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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