Outer Row Dynein Assembly Protein 16 (ODA16) Chlamydomonas Reinhardtii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Outer row dynein assembly protein 16 (ODA16), Recombinant Protein
Full Product Name	Recombinant Chlamydomonas reinhardtii Outer row dynein assembly protein 16 (ODA16)
Product Gene Name	ODA16 recombinant protein
Product Synonym Gene Name	ODA16
Sequence	MAAKLRKFLL RYYPPGIILQ YERDGVMKQK PIDLLDLTPD VDVEVLLSQI IRQEPLISEN RRPALRQLIH RLIDKMLEQQ HHSFTLFKVL RAHILPLTNC AFNKSGDRFI TGSYDRTCKV WNTFTGEEVF TLEGHKNVVY AIAFNNPYGD KIVTGSFDKT CKLWDAYTGQ LYYTLKGHQT EIVCLSFNPQ STIIATGSMD NTAKLWDVET GQERATLAGH RAEIVSLGFN TGGDLIVTGS FDHDSRLWDV RTGQCVHVLS GHRGEVSSTQ FNYAGTLVVS GSIDCTSRLW DVRSGRCLSV KQGHTDEVLD VAFDAAGTKM VSASADGSAR LYHTLTGVCQ HTLVGHEGEI SKVAFNPQGT RLITASSDKT CRLWDCDTGE CLQVLEGHTD EIFSCAFNYE GDFIITGSKD NTCRIWKALT ASSQPAGPGG AGGGLARPTT AFSYND
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	49,250 Da
Sequence Positions	1-446, 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 Q3Y8L7
Species	Chlamydomonas reinhardtii (Chlamydomonas smithii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ODA16 recombinant protein	MBS1470206 is a recombinant protein targeting ODA16. Also known as Recombinant Chlamydomonas reinhardtii Outer row dynein assembly protein 16 (ODA16). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ODA16 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 ODA16. It may not necessarily be applicable to this product.

NCBI GI #	122217633
NCBI Accession #	Q3Y8L7.1
UniProt Primary Accession #	Q3Y8L7

NCBI Official Full Name	Dynein assembly factor with WDR repeat domains 1
UniProt Protein Name	Dynein assembly factor with WDR repeat domains 1
UniProt Synonym Protein Names	Outer row dynein assembly protein 16
UniProt Gene Name	DAW1
UniProt Synonym Gene Names	ODA16
UniProt Comments for ODA16	Functions as a cargo-specific adapter between intraflagellar transport (IFT) particles and outer row dynein. Required for efficient dynein-mediated transport into the flagellar compartment.
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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