Dynein Assembly Factor 1, Axonemal Homolog (dtr) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dynein assembly factor 1, axonemal homolog (dtr), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Dynein assembly factor 1, axonemal homolog (dtr), partial
Product Gene Name	dtr recombinant protein
Product Synonym Gene Name	dtr
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	168,194 Da
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 Q8INT5
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dtr recombinant protein	MBS1378978 is a recombinant protein targeting dtr. Also known as Recombinant Drosophila melanogaster Dynein assembly factor 1, axonemal homolog (dtr), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dtr 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 dtr. It may not necessarily be applicable to this product.

NCBI GI #	62484371
NCBI GeneID	318856
NCBI Accession #	NP_724335.2
UniProt Primary Accession #	Q8INT5
UniProt Secondary Accession #	Q6YNS3
UniProt Related Accession #	Q8INT5
GenBank Nucleotide #	NM_165375.3
NCBI Official Full Name	defective transmitter release

NCBI Official Synonym Full Names	defective transmitter release
NCBI Official Symbol	dtr
NCBI Official Synonym Symbols	CG31623; DmelCG31623; Dtr
UniProt Protein Name	Dynein assembly factor 1, axonemal homolog
UniProt Synonym Protein Names	Defective transmitter-recycling protein; Leucine-rich repeat-containing protein 50 homolog
Protein Family	Dynein assembly factor
UniProt Gene Name	dtr
NCBI Protein Information	CG31623 gene product from transcript CG31623-RA
UniProt Comments for dtr	Cilium-specific protein required for cilia structures.
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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