Cytoplasmic Dynein 2 Light Intermediate Chain 1 (DYNC2LI1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytoplasmic dynein 2 light intermediate chain 1 (Dync2li1), Recombinant Protein
Full Product Name	Recombinant Mouse Cytoplasmic dynein 2 light intermediate chain 1 (Dync2li1)
Product Gene Name	Dync2li1 recombinant protein
Product Synonym Gene Name	Dync2li1
Sequence	MPSETLWEIA KAEVEKRRSH GSEGDGAEIG EKSVFFIGSK NGGKTTIILR CLDRDESAKP TLALEYTYGR KTKGHNTPKD IAHFWELGGG TSLLDLISIP ITVDTLRTFS IVLVLDLSKP NDLWSTMENL LQATKSHVDK VIMKLGKTSS KASAEMRQRM WSVVQKDHPD RELIDPFPIP LVIIGSKYDI FQDFDPEKRK VICKTLRFVA HYYGASLMFT SKSEALLLKI RGVINQLAFG IDKSKSICVD QNKPLFITAG LDSLCQIGSP PVPDSDIGKL QAHSPMELWK KVYDKLFPPK STGTLKAVQD PARDPQYAES EVDEMRVQKD QELEHYKRSS SKTWKQIELD 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	39,469 Da
Sequence Positions	1-351, 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 Q8K0T2
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Dync2li1 recombinant protein	MBS1377592 is a recombinant protein targeting Dync2li1. Also known as Recombinant Mouse Cytoplasmic dynein 2 light intermediate chain 1 (Dync2li1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Dync2li1 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 Dync2li1. It may not necessarily be applicable to this product.

NCBI GI #	26986541
NCBI GeneID	213575
NCBI Accession #	NP_758460.1
UniProt Primary Accession #	Q8K0T2

UniProt Secondary Accession #	Q3TVA2
UniProt Related Accession #	Q8K0T2
GenBank Nucleotide #	NM_172256.1
NCBI Official Full Name	cytoplasmic dynein 2 light intermediate chain 1
NCBI Official Synonym Full Names	dynein cytoplasmic 2 light intermediate chain 1
NCBI Official Symbol	Dync2li1
NCBI Official Synonym Symbols	LIC3; D2lic; CGI-60; mD2LIC; 4933404O11Rik
UniProt Protein Name	Cytoplasmic dynein 2 light intermediate chain 1
Protein Family	Cytoplasmic dynein
UniProt Gene Name	Dync2li1
UniProt Synonym Gene Names	D2lic; mD2LIC
NCBI Protein Information	cytoplasmic dynein 2 light intermediate chain 1
UniProt Comments for Dync2li1	Required for correct intraflagellar transport (IFT), the bi-directional movement of particles required for the assembly, maintenance and functioning of primary cilia (PubMed:15371312). Involved in the regulation of ciliary length ().
Research Articles on Dync2li1	**1.** required to maintain or establish ventral cell fates and for correct signalling by the organiser and midline
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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