Myosin-1 (MYO1) Chaetomium Globosum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Myosin-1 (MYO1), Recombinant Protein
Full Product Name	Recombinant Chaetomium globosum Myosin-1 (MYO1), partial
Product Gene Name	MYO1 recombinant protein
Product Synonym Gene Name	MYO1
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	134,575 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 Q2HDI2
Species	Chaetomium globosum (strain 6205 / CBS 148.51 / DSM 1962 / NBRC 6347 / NRRL 1970) (Soil fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MYO1 recombinant protein	MBS1486665 is a recombinant protein targeting MYO1. Also known as Recombinant Chaetomium globosum Myosin-1 (MYO1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MYO1 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 MYO1. It may not necessarily be applicable to this product.

NCBI GI #	116182188
NCBI GeneID	4386911
NCBI Accession #	XP_001220943.1
UniProt Primary Accession #	Q2HDI2
UniProt Related Accession #	Q2HDI2
GenBank Nucleotide #	XM_001220942.1
NCBI Official Full Name	conserved hypothetical protein
NCBI Official Symbol	CHGG_01722
UniProt Protein Name	Myosin-1

UniProt Synonym Protein Names	Class I unconventional myosin; Type I myosin
UniProt Gene Name	MYO1
NCBI Protein Information	hypothetical protein
UniProt Comments for MYO1	Type-I myosin implicated in the organization of the actin cytoskeleton. Required for proper actin cytoskeleton polarization. At the cell cortex, assembles in patch-like structures together with proteins from the actin-polymerizing machinery and promotes actin assembly. Functions as actin nucleation-promoting factor (NPF) for the Arp2/3 complex ().
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