Myosin-1 (MYO1), Partial (MYO1) Malassezia Globosa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Myosin-1 (MYO1), partial, Recombinant Protein
Full Product Name	Recombinant Malassezia globosa Myosin-1 (MYO1), partial
Product Gene Name	MYO1 recombinant protein
Product Synonym Gene Name	MYO1; MGL_1086
Product Synonym Names	Myosin-1; Class I unconventional myosin; Type I myosin
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	144,430 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 A8PWF6
Species	Malassezia globosa (strain MYA-4612 / CBS 7966) (Dandruff-associated fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MYO1 recombinant protein	MBS1259750 is a recombinant protein targeting MYO1. Also known as Recombinant Malassezia globosa 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 #	164661391
NCBI GeneID	5856123
NCBI Accession #	XP_001731818.1
UniProt Primary Accession #	A8PWF6
GenBank Nucleotide #	XM_001731766.1
NCBI Official Full Name	hypothetical protein MGL_1086
NCBI Official Symbol	MGL_1086
UniProt Protein Name	Myosin-1

UniProt Synonym Protein Names	Class I unconventional myosin; Type I myosin
UniProt Gene Name	MYO1
UniProt Entry Name	MYO1_MALGO
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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