Unconventional Myosin-Ih (MYO1H) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Unconventional myosin-Ih (Myo1h), Recombinant Protein
Full Product Name	Recombinant Mouse Unconventional myosin-Ih (Myo1h) , partial
Product Gene Name	Myo1h recombinant protein
Product Synonym Gene Name	Myo1h
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	17,016 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 Q9D6A1
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Myo1h recombinant protein	MBS1352035 is a recombinant protein targeting Myo1h. Also known as Recombinant Mouse Unconventional myosin-Ih (Myo1h) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Myo1h 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 Myo1h. It may not necessarily be applicable to this product.

NCBI GI #	189083466
NCBI Accession #	Q9D6A1.2
UniProt Primary Accession #	Q9D6A1
UniProt Secondary Accession #	Q91ZI2
NCBI Official Full Name	Unconventional myosin-Ih
UniProt Protein Name	Unconventional myosin-Ih
Protein Family	Unconventional myosin
UniProt Gene Name	Myo1h

UniProt Comments for Myo1h	Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments ().
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