Major Sperm Protein 78 (msp-78) Caenorhabditis Elegans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Major sperm protein 78 (msp-78), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis elegans Major sperm protein 78 (msp-78)
Product Gene Name	msp-78 recombinant protein
Product Synonym Gene Name	msp-78
Sequence	AQSVPPGDIQ TQPGTKIVFN APYDDKHTYH IKVINSSARR IGYGIKTTNM KRLGVDPPCG VLDPKEAVLL AVSCDAFAFG QEDTNNDRIT IEWTNTPDGA AKQFRREWFQ GDGMVRRKNL PIEYNP
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	14,223 Da
Sequence Positions	2-127, Full length
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 Q94053
Species	Caenorhabditis elegans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for msp-78 recombinant protein	MBS1480312 is a recombinant protein targeting msp-78. Also known as Recombinant Caenorhabditis elegans Major sperm protein 78 (msp-78). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of msp-78 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 msp-78. It may not necessarily be applicable to this product.

NCBI GI #	17542416
NCBI GeneID	177814
NCBI Accession #	NP_501742.1
UniProt Primary Accession #	Q94053
UniProt Related Accession #	Q94053
GenBank Nucleotide #	NM_069341.4

NCBI Official Full Name	Major sperm protein 78
NCBI Official Symbol	msp-78
UniProt Protein Name	Major sperm protein 78
Protein Family	Major sperm protein
UniProt Gene Name	msp-78
UniProt Synonym Gene Names	MSP
NCBI Protein Information	Major sperm protein 78
UniProt Comments for msp-78	Central component in molecular interactions underlying sperm crawling. Forms an extensive filament system that extends from sperm villipoda, along the leading edge of the pseudopod.
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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