Ribonuclease 3 (drsh-1) Caenorhabditis Briggsae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease 3 (drsh-1), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis briggsae Ribonuclease 3 (drsh-1), partial
Product Gene Name	drsh-1 recombinant protein
Product Synonym Gene Name	drsh-1
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	122,481 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 Q61XX9
Species	Caenorhabditis briggsae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for drsh-1 recombinant protein	MBS1405233 is a recombinant protein targeting drsh-1. Also known as Recombinant Caenorhabditis briggsae Ribonuclease 3 (drsh-1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of drsh-1 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 drsh-1. It may not necessarily be applicable to this product.

NCBI GI #	268564825
NCBI GeneID	8581234
NCBI Accession #	XP_002639240.1
UniProt Primary Accession #	Q61XX9
UniProt Secondary Accession #	A8WWR6
UniProt Related Accession #	Q61XX9
GenBank Nucleotide #	XM_002639194.1
NCBI Official Full Name	C. briggsae CBR-DRSH-1 protein
NCBI Official Symbol	Cbr-drsh-1

UniProt Protein Name	Ribonuclease 3
UniProt Synonym Protein Names	Protein drosha; Ribonuclease III; RNase III
UniProt Gene Name	drsh-1
UniProt Synonym Gene Names	RNase III
NCBI Protein Information	C. briggsae CBR-DRSH-1 protein
UniProt Comments for drsh-1	Executes the initial step of microRNA (miRNA) processing in the nucleus, that is the cleavage of pri-miRNA to release pre-miRNA. Involved in pre-rRNA processing. Cleaves double-strand RNA and does not cleave single-strand RNA. Involved in fertility. Required for the function or synthesis of the let-7 miRNA ().
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