Cuticle Collagen 19 (col-19) Caenorhabditis Elegans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cuticle collagen 19 (col-19), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis elegans Cuticle collagen 19 (col-19)
Product Gene Name	col-19 recombinant protein
Sequence	SLYTIGNLLN EIEELQVEFQ DGMVEFRAIT QDTWARMVSK HINPTGHTNA PPTFETLFGA RTARQAGFEQ CNCGPKSEGC PAGPPGPPGE GGQKGNPGHD GDDGKPGAPG VIVAITHDIP GGCIKCPPGR PGPKGPSGLP GSAGPAGGNG RRGPPGPVGG PGEQGPQGDA GRPGAAGRPG PAGPRGEPGT EYKPGQPGRP GPQGPRGETG PAGNPGAPGN DGEAGKNGNA GRPGPPGHPG KNGVPGQKGE DAAPGPDAGY CPCPSRAAYK A
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	28,375 Da
Sequence Positions	19-289, 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 P18835
Species	Caenorhabditis elegans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for col-19 recombinant protein	MBS1256876 is a recombinant protein targeting col-19. Also known as Recombinant Caenorhabditis elegans Cuticle collagen 19 (col-19). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of col-19 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 col-19. It may not necessarily be applicable to this product.

NCBI GI #	86565272
NCBI GeneID	180397
NCBI Accession #	NP_001033577.1
UniProt Primary Accession #	P18835
UniProt Secondary Accession #	Q23411
UniProt Related Accession #	P18835

GenBank Nucleotide #	NM_001038488.3
NCBI Official Full Name	Cuticle collagen 19
NCBI Official Symbol	col-19
UniProt Protein Name	Cuticle collagen 19
Protein Family	Cuticle collagen
UniProt Gene Name	col-19
NCBI Protein Information	Cuticle collagen 19
UniProt Comments for col-19	Nematode cuticles are composed largely of collagen-like proteins. The cuticle functions both as an exoskeleton and as a barrier to protect the worm from its environment.
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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