Serine Hydroxymethyltransferase (mel-32) Caenorhabditis Briggsae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine hydroxymethyltransferase (mel-32), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis briggsae Serine hydroxymethyltransferase (mel-32), partial
Product Gene Name	mel-32 recombinant protein
Product Synonym Gene Name	mel-32
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	56,213 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 Q60V73
Species	Caenorhabditis briggsae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mel-32 recombinant protein	MBS1348885 is a recombinant protein targeting mel-32. Also known as Recombinant Caenorhabditis briggsae Serine hydroxymethyltransferase (mel-32), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mel-32 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 mel-32. It may not necessarily be applicable to this product.

NCBI GI #	259016349
NCBI Accession #	Q60V73.3
UniProt Primary Accession #	Q60V73
UniProt Secondary Accession #	A8XW58
NCBI Official Full Name	Serine hydroxymethyltransferase
UniProt Protein Name	Serine hydroxymethyltransferase
UniProt Synonym Protein Names	Glycine hydroxymethyltransferase; Maternal effect lethal protein 32; Serine methylase
Protein Family	Serine hydroxymethyltransferase
UniProt Gene Name	mel-32

UniProt Synonym Gene Names	SHMT
UniProt Comments for mel-32	Interconversion of serine and glycine.
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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