Mycothiol Acetyltransferase (mshD) Kineococcus Radiotolerans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mycothiol acetyltransferase (mshD), Recombinant Protein
Full Product Name	Recombinant Kineococcus radiotolerans Mycothiol acetyltransferase (mshD)
Product Gene Name	mshD recombinant protein
Sequence	MSPAPAGATA LPGPLPGDVH DAVLALAAAA SRADGATSLS EDAVLRLRAG DGAVQHLVRH EDGVLAGYAQ LVPSGDGEGD GFEGELLVHP GHRRRGHGGA LLAAVEERAG ARPVRLWSHG DTPGASALAA RAGWTRAREL LRMERTSAGL SDLAVPDLAA GLAVRPFVPG ADDAAWVALN AAAFATHPEQ GRWTLDDLRA RLAEPWFDPA LLLLAEAPDG LAAFCWMKVE DGLGELYVLG VDPARSGAGL GRALLVRGLR AVAGRVDRVD LYVDGDNLRA VRLYAGLGFS RAATDVQYAS GPR
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	31,420 Da
Sequence Positions	1-303, Full length protein
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 A6W6C7
Species	Kineococcus radiotolerans (strain BAA-149 / DSM 14245 / SRS30216)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mshD recombinant protein	MBS1209752 is a recombinant protein targeting mshD. Also known as Recombinant Kineococcus radiotolerans Mycothiol acetyltransferase (mshD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mshD 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 mshD. It may not necessarily be applicable to this product.

NCBI GI #	310947248
NCBI Accession #	A6W6C7.1
UniProt Primary Accession #	A6W6C7
NCBI Official Full Name	Mycothiol acetyltransferase
UniProt Protein Name	Mycothiol acetyltransferase
UniProt Synonym Protein Names	Mycothiol synthase

Protein Family	Mycothiol acetyltransferase
UniProt Gene Name	mshD
UniProt Synonym Gene Names	MSH acetyltransferase
UniProt Comments for mshD	Catalyzes the transfer of acetyl from acetyl-CoA to desacetylmycothiol (Cys-GlcN-Ins) to form mycothiol.
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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