Protein Smg Homolog (smg) Shewanella Denitrificans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein smg homolog (smg), Recombinant Protein
Full Product Name	Recombinant Shewanella denitrificans Protein smg homolog (smg)
Product Gene Name	smg recombinant protein
Product Synonym Gene Name	smg
Sequence	MFDILMYLFE NYVHSEIELL VDEDELTKEL TRAGFHQADI LKALSWLERL ADLQESDKPY LCNHAQQSFR IYTKDEMAKL DVESRGFLLF LEQIQVLSVE TREMVIDRVM ELDEASLILD DLKWVILMVL FNVPGNESAY EQMEDLIFEQ PEGRLHS
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	18,491 Da
Sequence Positions	1-157, 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 Q12TA2
Species	Shewanella denitrificans (strain OS217 / BAA-1090 / DSM 15013)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for smg recombinant protein	MBS1442334 is a recombinant protein targeting smg. Also known as Recombinant Shewanella denitrificans Protein smg homolog (smg). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of smg 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 smg. It may not necessarily be applicable to this product.

NCBI GI #	499813759
NCBI Accession #	WP_011494493.1
UniProt Primary Accession #	Q12TA2
GenBank Nucleotide #	WP_011494493.1
NCBI Official Full Name	hypothetical protein
UniProt Protein Name	Protein Smg homolog

Protein Family	Protein
UniProt Gene Name	smg
UniProt Comments for smg	Enzyme and pathway databasesBioCyc Collection of Pathway/Genome DatabasesMore...BioCyciSDEN318161:G1G6C-27-MONOMER.
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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