Aminoglycoside N (6')-Acetyltransferase Type 1 (STM1619) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aminoglycoside N (6')-acetyltransferase type 1 (STM1619), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Aminoglycoside N (6')-acetyltransferase type 1 (STM1619)
Product Gene Name	STM1619 recombinant protein
Product Synonym Gene Name	STM1619
Sequence	MDIRQMNRTH LDHWRGLRKQ LWPGHPDDAH LADGEEILQA DHLASFIAMA DGVAIGFADA SIRHDYVNGC DSSPVVFLEG IFVLPSFRQR GVAKQLIAAV QRWGTNKGCR EMASDTSPEN TISQKVHQAL GFEETERVIF YRKRC
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	16,376 Da
Sequence Positions	1-145, 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 Q8ZPB6
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for STM1619 recombinant protein	MBS1391741 is a recombinant protein targeting STM1619. Also known as Recombinant Salmonella typhimurium Aminoglycoside N (6')-acetyltransferase type 1 (STM1619). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of STM1619 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 STM1619. It may not necessarily be applicable to this product.

NCBI GI #	16764963
NCBI GeneID	1253137
NCBI Accession #	NP_460578.1
UniProt Primary Accession #	Q8ZPB6

UniProt Related Accession #	Q8ZPB6
GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	aminoglycoside 6'-acetyltransferase
NCBI Official Symbol	STM1619
UniProt Protein Name	Aminoglycoside N(6')-acetyltransferase type 1
UniProt Synonym Protein Names	AAC(6')-I
UniProt Gene Name	STM1619
NCBI Protein Information	aminoglycoside 6'-acetyltransferase
UniProt Comments for STM1619	Catalyzes the transfer of an acetyl group from acetyl-CoA to the 6'-amino group of aminoglycoside molecules conferring resistance to antibiotics containing the purpurosamine ring.
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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