Esterase Frsa (frsA) Shigella Dysenteriae Serotype 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Esterase FrsA (frsA), Recombinant Protein
Full Product Name	Recombinant Shigella dysenteriae serotype 1 Esterase FrsA (frsA)
Product Gene Name	frsA recombinant protein
Product Synonym Gene Name	frsA
Sequence	MTQANLSETL FKPRFKHPET STLVHRFNHG AQPPVQSALD GKTIPHWYRM INRLMWIWRG IDPREILDVQ ARIVMSDAER TDDDLYDTVI GYRGGNWIYE WATQAMVWQQ KACAEEDPQL GGRHWLHAAT LYNIAAYPHL KGDDLAEQAQ ALSNRAYEEA AQRLPGTMRQ MEFTVPGGAP ITGFLHMPKG DGPFPTVLMC GGLDAMQTDY YSLYERYFAP RGIAMLTIDM PSVGFSSKWK LTQDSSLLHQ HVLKALPNVP WVDHTRVAAF GFRFGANVAV RLAYLESPRL KAVACLGPVV HTLLSDFKCQ QQVPEMYLDV LASRLGMHDA SDEALRVELN RYSLKVQGLL GRRCPTPMLS GYWKNDPFSL EEDSRLITSS SADGKLLEIP FNPVYRNFDK GLQEITDWIE KRLC
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	46,990 Da
Sequence Positions	1-414, 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 Q32J22
Species	Shigella dysenteriae serotype 1 (strain Sd197)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for frsA recombinant protein	MBS1355756 is a recombinant protein targeting frsA. Also known as Recombinant Shigella dysenteriae serotype 1 Esterase FrsA (frsA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of frsA 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 frsA. It may not necessarily be applicable to this product.

NCBI GI #	446111672
NCBI Accession #	WP_000189527.1
UniProt Primary Accession #	Q32J22
GenBank Nucleotide #	WP_000189527.1

NCBI Official Full Name	esterase
UniProt Protein Name	Esterase FrsA
Protein Family	Esterase
UniProt Gene Name	frsA
UniProt Comments for frsA	Displays esterase activity toward pNP-butyrate.
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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