Succinylglutamate Desuccinylase (astE) Shewanella Frigidimarina Recombinant Protein

PRODUCT OVERVIEW

Product Name	Succinylglutamate desuccinylase (astE), Recombinant Protein
Full Product Name	Recombinant Shewanella frigidimarina Succinylglutamate desuccinylase (astE)
Product Gene Name	astE recombinant protein
Product Synonym Gene Name	astE
Sequence	MLSDLMINRD FLAYTLANPN QLPAAYDFML ADHTRVDVWD TGVIVFTPAN ATKDIVLSCA VHGNETAPIE ICNQLIKDLL SQRIIAKQRV MFLIGNPTAI LNKTRFIDEN MNRLFSGAHS KGEGLSHPER HRAKALEQYV ADFFNANSDN QRIHYDLHTA IRASKHEKFA IYPYRPGRAF SGEQIMFLAA CGVDTMLFHH EPTTTFSYYS SQQFQADAFT VELGKVMPFG QNDMSRFAQT HTMLEKLITE TKLAPVEFDP SKVNLYKVSR SINKHFDDFE FSFAGDAENF SAFSQGEVLA TEGGNAIIVE YPQEAIVFPN ANVPIGQRTV LCLVPAPNES IL
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	38,382 Da
Sequence Positions	1-342, 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 Q082N5
Species	Shewanella frigidimarina (strain NCIMB 400)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for astE recombinant protein	MBS1385596 is a recombinant protein targeting astE. Also known as Recombinant Shewanella frigidimarina Succinylglutamate desuccinylase (astE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of astE 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 astE. It may not necessarily be applicable to this product.

NCBI GI #	499956661
NCBI Accession #	WP_011637395.1
UniProt Primary Accession #	Q082N5
GenBank Nucleotide #	WP_011637395.1
NCBI Official Full Name	succinylglutamate desuccinylase

UniProt Protein Name	Succinylglutamate desuccinylase
Protein Family	Succinylglutamate desuccinylase
UniProt Gene Name	astE
UniProt Comments for astE	Transforms N2-succinylglutamate into succinate and glutamate.
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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