Na (+)/H (+) Antiporter Nhaa (nhaA) Erwinia Tasmaniensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Na (+)/H (+) antiporter nhaA, Recombinant Protein
Full Product Name	Recombinant Erwinia tasmaniensis Na (+)/H (+) antiporter nhaA, partial
Product Gene Name	nhaA recombinant protein
Sequence	MNLFLKKLLK NDATGGVVLI VAAAFAMFLA NNDSTRHAYQ AMLTLPVQFR FGALDINKDL LLWINDALMA LFFLMIGLEV KRELMMGSLK GRERAMFPLI AALGGMLAPG LIYAAFNHQD AQAIHGWAIP TATDIAFALG ILALLGSRVP AALKMFLMAL AVIDDLGAIV IIALFYTSEL SLISLTVAAA SIAVLAVLNG CGVRKTSVYL AVGMVLWVAV LKSGVHATLA GVIVGLFIPL KKQEGHSPAI ELAHGLHPWV SWLILPLFAF ANAGISLSGV SLNGLFSAVP LGITLGLFIG KPLGITLICW LAVKLKIAAL PENTRLIDIA AVGVLCGIGF TMSIFIASLA FDGAHEELVT LAKLGILSGS VISALVGYTL LRVKLR
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	40,789 Da
Sequence Positions	1-386
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 B2VH05
Species	Erwinia tasmaniensis (strain DSM 17950 / Et1/99)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nhaA recombinant protein	MBS1162477 is a recombinant protein targeting nhaA. Also known as Recombinant Erwinia tasmaniensis Na (+)/H (+) antiporter nhaA, partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nhaA 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 nhaA. It may not necessarily be applicable to this product.

NCBI GI #	501408890
NCBI Accession #	WP_012440456.1
UniProt Primary Accession #	B2VH05
GenBank Nucleotide #	WP_012440456.1
NCBI Official Full Name	Na+/H+ antiporter NhaA

UniProt Protein Name	Na(+)/H(+) antiporter NhaA
UniProt Synonym Protein Names	Sodium/proton antiporter NhaA
Protein Family	Na(+)/H(+) antiporter
UniProt Gene Name	nhaA
UniProt Comments for nhaA	Na+/H+ antiporter that extrudes sodium in exchange for external protons.
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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