Na (+)/H (+) Antiporter Nhab (nhaB) Escherichia Coli O81 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Na (+)/H (+) antiporter nhaB, Recombinant Protein
Full Product Name	Recombinant Escherichia coli O81 Na (+)/H (+) antiporter nhaB, partial
Product Gene Name	nhaB recombinant protein
Sequence	MEISWGRALW RNFLGQSPDW YKLALIIFLI VNPLIFLISP FVAGWLLVAE FIFTLAMALK CYPLLPGGLL AIEAVFIGMT SAEHVREEVA ANLEVLLLLM FMVAGIYFMK QLLLFIFTRL LLSIRSKMLL SLSFCVAAAF LSAFLDALTV VAVVISVAVG FYGIYHRVAS SRTEDTDLQD DSHIDKHYKV VLEQFRGFLR SLMMHAGVGT ALGGVMTMVG EPQNLIIAKA AGWHFGDFFL RMSPVTVPVL ICGLLTCLLV EKLRWFGYGE TLPEKVREVL QQFDDQSRLQ RTRQDKIRLI VQAIIGVWLV TALALHLAEV GLIGLSVIIL ATSLTGVTDE HAIGKAFTES LPFTALLTVF FSVVAVIIDQ QLFSPIIQFV LQASEHAQLS LFYIFNGLLS SISDNVFVGT IYINEAKAAM KSGAITLKQY ELLAVAINTG TNLPSVATPN GQAAFLFLLT SALAPLIRLS YGRMVWMALP YTLVLTLVGL LCVEFTLAPV TEWFMQMGWI ATL
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	56,703 Da
Sequence Positions	1-513
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 B7MTW4
Species	Escherichia coli O81 (strain ED1a)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nhaB recombinant protein	MBS1127621 is a recombinant protein targeting nhaB. Also known as Recombinant Escherichia coli O81 Na (+)/H (+) antiporter nhaB, partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nhaB 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 nhaB. It may not necessarily be applicable to this product.

NCBI GI #	446328546
NCBI Accession #	WP_000406401.1
UniProt Primary Accession #	B7MTW4
GenBank Nucleotide #	WP_000406401.1

NCBI Official Full Name	MULTISPECIES: Na+/H+ antiporter NhaB
UniProt Protein Name	Na(+)/H(+) antiporter NhaB
UniProt Synonym Protein Names	Sodium/proton antiporter NhaB
Protein Family	Na(+)/H(+) antiporter
UniProt Gene Name	nhaB
UniProt Comments for nhaB	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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