Lipid II Flippase Ftsw (ftsW) Nitrosomonas Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lipid II flippase FtsW (ftsW), Recombinant Protein
Full Product Name	Recombinant Nitrosomonas sp. Lipid II flippase FtsW (ftsW), partial
Product Gene Name	ftsW recombinant protein
Sequence	MIYQANNQKQ RVLADFDQAL VWSVVLLLSI GLIMIYSASI AIAEAQFGAD RASYYLLRHS AYLAVGLLLG LVTFQVPMRI WQKYVTYLFM ISVLLLALVL VPGIGHEVNG SQRWISLYVV NIQPSEFVKL FMVMYAADYV SRKAADLNSF LKGFLPITVV LSIVGFLLLL EPDFGAFFVV TALVMSILFM GGVSLKIFIA LIGILAIGLY ELILSSEYRM ARVVAFMDPW ADPYGKGYQL SHALIAFGRG EWFGVGLGGS VEKLFYLPEA HTDFLLSVLA EELGFVGVAA VILLFIWLIM RTFVIGRLAA KLGNTFSALV AQGIGIWIGV QALINMGVNM GVLPTKGLTL PLLSFGGSSI TANCIALAVI LRIDWENRQR LRGLNV
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	42,406 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 F8GE40
Species	Nitrosomonas sp. (strain Is79A3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ftsW recombinant protein	MBS1230573 is a recombinant protein targeting ftsW. Also known as Recombinant Nitrosomonas sp. Lipid II flippase FtsW (ftsW), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ftsW 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 ftsW. It may not necessarily be applicable to this product.

NCBI GI #	503733387
NCBI Accession #	WP_013967463.1
UniProt Primary Accession #	F8GE40
GenBank Nucleotide #	WP_013967463.1
NCBI Official Full Name	cell division protein FtsW

UniProt Protein Name	Probable peptidoglycan glycosyltransferase FtsW
UniProt Synonym Protein Names	Cell division protein FtsW
Protein Family	Cell division protein
UniProt Gene Name	ftsW
UniProt Synonym Gene Names	PGT; PG polymerase
UniProt Comments for ftsW	Peptidoglycan polymerase that is essential for cell division.
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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