Membrane Protein Insertase Yidc (yidC) Rhodobacter Sphaeroides Recombinant Protein

PRODUCT OVERVIEW

Product Name	Membrane protein insertase YidC (yidC), Recombinant Protein
Full Product Name	Recombinant Rhodobacter sphaeroides Membrane protein insertase YidC (yidC), partial
Product Gene Name	yidC recombinant protein
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	68,647 Da
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 B9KNZ6
Species	Rhodobacter sphaeroides (strain KD131 / KCTC 12085)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yidC recombinant protein	MBS7068614 is a recombinant protein targeting yidC. Also known as Recombinant Rhodobacter sphaeroides Membrane protein insertase YidC (yidC), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yidC 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 yidC. It may not necessarily be applicable to this product.

NCBI GI #	506401711
NCBI Accession #	WP_015921430.1
UniProt Primary Accession #	B9KNZ6
GenBank Nucleotide #	WP_015921430.1
NCBI Official Full Name	membrane protein insertase YidC
UniProt Protein Name	Membrane protein insertase YidC
UniProt Synonym Protein Names	Foldase YidC
Protein Family	Membrane protein insertase
UniProt Gene Name	yidC

UniProt Comments for yidC	Required for the insertion and/or proper folding and/or complex formation of integral membrane proteins into the membrane. Involved in integration of membrane proteins that insert both dependently and independently of the Sec translocase complex, as well as at least some lipoproteins. Aids folding of multispanning membrane proteins.
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