Inner Membrane Protein Yedi (yedI) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Inner membrane protein yedI (yedI), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Inner membrane protein yedI (yedI)
Product Gene Name	yedI recombinant protein
Product Synonym Gene Name	yedI
Product Synonym Names	Recombinant Inner membrane protein yedI (yedI); Inner membrane protein yedI
Sequence	MLLAGSSLLT LLDDIATLLD DISVMGKLAA KKTAGVLGDD LSLNAQQVSG VRANRELPVV WGVAKGSLIN KVILVPLALI ISAFIPWAIT PLLMIGGAFL CFEGVEKVLH MLEARKHKED PAQSQQRLEK LAAQDPLKFE KDKIKGAIRT DFILSAEIVA ITLGIVAEAP LLNQVLVLSG IALVVTVGVY GLVGVIVKID DLGYWLAEKS SALMQALGKG LLIIAPWLMK ALSIVGTLAM FLVGGGIVVH GIAPLHHAIE HFAGQQSAVV AMILPTVLNL ILGFIIGGIV VLGVKAVEKM RGQAH
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	32,191 Da
Sequence Positions	1-305
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.
Chromosome Location	NC_000913.2 (2026473..2027390, complement)
3D Structure	ModBase 3D Structure for P46125
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yedI recombinant protein	MBS1170443 is a recombinant protein targeting yedI. Also known as Recombinant Escherichia coli Inner membrane protein yedI (yedI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yedI 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 yedI. It may not necessarily be applicable to this product.

NCBI GI #	16129904
NCBI GeneID	946465
NCBI Accession #	NP_416467.1

UniProt Primary Accession #	P46125
UniProt Secondary Accession #	P76332
GenBank Nucleotide #	NC_000913.2
NCBI Official Full Name	conserved inner membrane protein
NCBI Official Symbol	yedI
NCBI Official Synonym Symbols	ECK1956; JW1941
UniProt Protein Name	Inner membrane protein YedI
Protein Family	Inner membrane protein
UniProt Gene Name	yedI
UniProt Entry Name	YEDI_ECOLI
NCBI Protein Information	conserved inner membrane protein
NCBI Summary for yedI	YedI is an inner membrane protein with five predicted transmembrane domains. [More information is available at EcoCyc: EG12709].
UniProt Comments for yedI	Subcellular location: Cell inner membrane; Multi-pass membrane protein.
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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