Electron Transport Complex Protein Rnfe (rnfE) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Electron transport complex protein RnfE (rnfE), Recombinant Protein
Full Product Name	Recombinant Electron transport complex protein RnfE (rnfE)
Product Gene Name	rnfE recombinant protein
Product Synonym Gene Name	rnfE
Product Synonym Names	Recombinant Electron transport complex protein RnfE (rnfE); Electron transport complex protein RnfE
Sequence	MSEIKDIVVQ GLWKNNSALV QLLGLCPLLA VTSTATNALG LGLATTLVLT LTNLTVSALR RWTPAEIRIP IYVMIIASVV SAVQMLINAY AFGLYQSLGI FIPLIVTNCI VVGRAEAFAA KKGPWLSALD GFSIGMGATG AMFVLGSLRE ILGNGTLFDG ADSLLGGWAK VLRVEIFHTD SPFLLAMLPP GAFIGLGLML AVKYLIDEKM KKRRAETAPS AVPAGETGKV
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	24,318 Da
Sequence Positions	1-230
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 P65541
Species	Salmonella typhi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rnfE recombinant protein	MBS1230492 is a recombinant protein targeting rnfE. Also known as Recombinant Electron transport complex protein RnfE (rnfE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rnfE 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 rnfE. It may not necessarily be applicable to this product.

NCBI GI #	16760459
NCBI Accession #	NP_456076.1
UniProt Primary Accession #	P65541
UniProt Secondary Accession #	Q8XEX9
GenBank Nucleotide #	NC_003198.1

NCBI Official Full Name	electron transport complex RsxE subunit
UniProt Protein Name	Electron transport complex protein RnfE
Protein Family	Electron transport complex
UniProt Gene Name	rnfE
UniProt Entry Name	RNFE_SALTI
UniProt Comments for rnfE	Function: May be part of a membrane complex involved in electron transport By similarity. HAMAP-Rule MF_00478 Subunit structure: Composed of at least six subunits; RnfA, RnfB, RnfC, RnfD, RnfE and RnfG By similarity. Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_00478. Sequence similarities: Belongs to the NqrDE/RnfAE family.
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