Electron Transport Complex Protein Rnfc (rnfC) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Electron transport complex protein RnfC (rnfC), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Electron transport complex protein RnfC (rnfC)
Product Gene Name	rnfC recombinant protein
Sequence	MLKLFSAFRK NKIWDFNGGI HPPEMKTQSN GTPLRQVPLA QRFVIPLKQH IGAEGELCVS VGDKVLRGQP LTRGRGKMLP VHAPTSGTVT AIAPHSTAHP SALAELSVII DADGEDCWIP RDGWADYRSR RREELIERIH QFGVAGLGGA GFPTGVKLQG GGDKIETLII NAAECEPYIT ADDRLMQDCA AQVVEGIRIL AHILQPREIL IGIEDNKPQA ISMLRAVLAD SHDISMRVIP TKYPSGGAKQ LTYILTGKQV PHGGRSSDIG VLMQNVGTAY AVKRAVIDGE PITERVVTLT GEAIARPGNV WARLGTPVRH LLNDAGFCPS ADQMVIMGGP LMGFTLPWLD VPVVKITNCL LAPSANELGE PQEEQSCIRC SACADACPAD LLPQQLYWFS KGQQHDKATT HNIADCIECG ACAWVCPSNI PLVQYFRQEK AEIAAIRQEE KRAAEAKARF EARLARLERE KAARLERHKS AAVQPAAKDK DAIAAALARV KEKQAQATQP IVIKAGERPD NSAIIAAREA RKAQARAKQA ELQQTNDAAT VTDPRKTAVE AAIARAKARK LEQQQANAEP EQQVDPRKAA VEAAIARAKA RKLEQQQANA EPEQQVDPRK AAVEAAIARA KARKLEQQQA NAEPEEPVDP RKAAVEAAIT RAKARKLEQQ QANAEPEEQV DPRKAAVAAA IARAKARKLE QQQANAEPEE QVDPRKAAVA AAIARVQAKK AVQQKVVNED
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	80,298 Da
Sequence Positions	1-740, Full length protein
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 P58324
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rnfC recombinant protein	MBS1237836 is a recombinant protein targeting rnfC. Also known as Recombinant Escherichia coli O157:H7 Electron transport complex protein RnfC (rnfC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rnfC 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 rnfC. It may not necessarily be applicable to this product.

NCBI GI #	15831592

NCBI GeneID	913456
NCBI Accession #	NP_310365.1
UniProt Primary Accession #	P58324
GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	electron transport complex protein RnfC
NCBI Official Symbol	ECs2338
UniProt Protein Name	Electron transport complex subunit RsxC
Protein Family	Electron transport complex
UniProt Gene Name	rsxC
NCBI Protein Information	electron transport complex protein RnfC
UniProt Comments for rnfC	Part of a membrane complex involved in electron transport. Required to maintain the reduced state of SoxR.
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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