Protein Frlc (frlC) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein frlC (frlC), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Protein frlC (frlC)
Product Gene Name	frlC recombinant protein
Product Synonym Gene Name	frlC
Sequence	MKTGMFTCGH QRLPIEHAFR DASELGYDGI EIWGGRPHAF APDLKAGGIK QIKALAQTYQ MPIIGYTPET NGYPYNMMLG DEHMRRESLD MIKLAMDMAK EMNAGYTLIS AAHAGYLTPP NVIWGRLAEN LSELCEYAEN IGMDLILEPL TPYESNVVCN ANDVLHALAL VPSPRLFSMV DICAPYVQAE PVMSYFDKLG DKLRHLHIVD SDGASDTHYI PGEGKMPLRE LMRDIIDRGY EGYCTVELVT MYMNEPRLYA RQALERFRAL LPEDE
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	30,999 Da
Sequence Positions	1-275, 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 Q8X840
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for frlC recombinant protein	MBS1381350 is a recombinant protein targeting frlC. Also known as Recombinant Escherichia coli O157:H7 Protein frlC (frlC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of frlC 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 frlC. It may not necessarily be applicable to this product.

NCBI GI #	15833477
NCBI GeneID	915922
NCBI Accession #	NP_312250.1
UniProt Primary Accession #	Q8X840
GenBank Nucleotide #	NC_002695.1

NCBI Official Full Name	fructoselysine 3-epimerase
NCBI Official Symbol	ECs4223
UniProt Protein Name	Fructoselysine 3-epimerase
Protein Family	Protein
UniProt Gene Name	frlC
NCBI Protein Information	fructoselysine 3-epimerase
UniProt Comments for frlC	Catalyzes the reversible interconversion of fructoselysine with its C-3 epimer, psicoselysine. Allows E.coli to utilize psicoselysine for growth. Does not act on psicose or fructoselysine 6-phosphate.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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