L-Rhamnonate Dehydratase (rhmD) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	L-rhamnonate dehydratase (rhmD), Recombinant Protein
Full Product Name	Recombinant Escherichia coli L-rhamnonate dehydratase (rhmD)
Product Gene Name	rhmD recombinant protein
Sequence	MENIMTLPKI KQVRAWFTGG ATAEKGAGGG DYHDQGANHW IDDHIATPMS KYRDYEQSRQ SFGINVLGTL VVEVEAENGQ TGFAVSTAGE MGCFIVEKHL NRFIEGKCVS DIKLIHDQML SATLYYSGSG GLVMNTISCV DLALWDLFGK VVGLPVYKLL GGAVRDEIQF YATGARPDLA KEMGFIGGKM PTHWGPHDGD AGIRKDAAMV ADMREKCGED FWLMLDCWMS QDVNYATKLA HACAPYNLKW IEECLPPQQY ESYRELKRNA PVGMMVTSGE HHGTLQSFRT LSETGIDIMQ PDVGWCGGLT TLVEIAAIAK SRGQLVVPHG SSVYSHHAVI TFTNTPFSEF LMTSPDCSTM RPQFDPILLN EPVPVNGRIH KSVLDKPGFG VELNRDCNLK RPYSH
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	44,714 Da
Sequence Positions	1-405, 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 B1X8W0
Species	Escherichia coli (strain K12 / DH10B)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rhmD recombinant protein	MBS1256481 is a recombinant protein targeting rhmD. Also known as Recombinant Escherichia coli L-rhamnonate dehydratase (rhmD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rhmD 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 rhmD. It may not necessarily be applicable to this product.

NCBI GI #	209573533
NCBI Accession #	B1X8W0.1
UniProt Primary Accession #	B1X8W0
NCBI Official Full Name	L-rhamnonate dehydratase
UniProt Protein Name	L-rhamnonate dehydratase

Protein Family	L-rhamnonate dehydratase
UniProt Gene Name	rhmD
UniProt Synonym Gene Names	RhamD
UniProt Comments for rhmD	Catalyzes the dehydration of L-rhamnonate to 2-keto-3-deoxy-L-rhamnonate (KDR).
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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