Trp Operon Repressor Homolog (trpR) Vibrio Vulnificus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Trp operon repressor homolog (trpR), Recombinant Protein
Full Product Name	Recombinant Vibrio vulnificus Trp operon repressor homolog (trpR)
Product Gene Name	trpR recombinant protein
Product Synonym Gene Name	trpR
Sequence	MSQQPEYTDW QQIVDLVKHS VEQKQHDMLL TMLMTPDERE ALVSRVNIVR ELLKGELSQR QISQMLGVGI ATITRGSNEL KLKSDEDKAR LNQLLEGTKK GG
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	11,603 Da
Sequence Positions	1-102, 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 Q7MNK8
Species	Vibrio vulnificus (strain YJ016)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for trpR recombinant protein	MBS1306239 is a recombinant protein targeting trpR. Also known as Recombinant Vibrio vulnificus Trp operon repressor homolog (trpR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of trpR 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 trpR. It may not necessarily be applicable to this product.

NCBI GI #	499391111
NCBI Accession #	WP_011078578.1
UniProt Primary Accession #	Q7MNK8
GenBank Nucleotide #	WP_011078578.1
NCBI Official Full Name	MULTISPECIES: Trp operon repressor
UniProt Protein Name	Trp operon repressor homolog

Protein Family	Trp operon repressor
UniProt Gene Name	trpR
UniProt Comments for trpR	This protein is an aporepressor. When complexed with L-tryptophan it binds the operator region of the trp operon and prevents the initiation of transcription.
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