Anti-Sigma-W Factor Rsiw (rsiW) Bacillus Clausii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Anti-sigma-W factor rsiW (rsiW), Recombinant Protein
Full Product Name	Recombinant Bacillus clausii Anti-sigma-W factor rsiW (rsiW), partial
Product Gene Name	rsiW recombinant protein
Product Synonym Gene Name	rsiW
Sequence	SH TTDGIAVSGN GPFVIDKEAG VVVVPEGEVI DGDLVVRNGT LVLEGEVRGN VLLINSRFNK DTLYASPNQV TGEIEEVDKA LSWAWYNMKE FFNEVVAVFD AGEDDPHSTD N
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	24,429 Da
Sequence Positions	109-221
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 Q5WLH2
Species	Bacillus clausii (strain KSM-K16)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rsiW recombinant protein	MBS1319509 is a recombinant protein targeting rsiW. Also known as Recombinant Bacillus clausii Anti-sigma-W factor rsiW (rsiW), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rsiW 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 rsiW. It may not necessarily be applicable to this product.

NCBI GI #	499564320
NCBI Accession #	WP_011245103.1
UniProt Primary Accession #	Q5WLH2
GenBank Nucleotide #	WP_011245103.1
NCBI Official Full Name	anti-sigma-W factor RsiW
UniProt Protein Name	Anti-sigma-W factor RsiW

Protein Family	Anti-sigma-W factor
UniProt Gene Name	rsiW
UniProt Comments for rsiW	Is the anti-sigma factor for SigW. The presence of RsiW leads to the inactivation of SigW, and its proteolytic destruction to sigma-W activation ().
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