Acyl-Homoserine-Lactone Synthase Vanm (vanM) Vibrio Anguillarum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acyl-homoserine-lactone synthase vanM (vanM), Recombinant Protein
Full Product Name	Recombinant Vibrio anguillarum Acyl-homoserine-lactone synthase vanM (vanM)
Product Gene Name	vanM recombinant protein
Product Synonym Gene Name	vanM
Sequence	MKIISSLGSR LTNSLPIEKK QRALVEFVIN TYQPQQRADL FRALTEHRKN QLLNLFPEHH NKSFSILFEL MDYRELIRRY PNTFGEEIAH LEQAVSECYS HWLDFWCECE IAAIKTLFPI EADAPHRIEL PLKDCAYRGF LIDQIEDSEL WVTTPSHPQK MPIKDAITLS NLELFIKGEK WYEMLPLLSL SQKGKHFVLL KHPNNEASPT LVASMLVQDW SVNQTWLSYA QQFSNEQWQF CLPDHSYDVL MELQLFKPAL SKCDSLPEFD HQFRRQLTGT QAVCEVLRLT VSGNAQQKLY FLYLAQKKLI QILNQMGYKI GFTIIEQPFI LNFYQTIEPK SYFRSGYNDL NNNGKQSYRG FWMIERMDKV FSDTNFRDYR HAVSQRRKYD LTKRKEKEYA
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	47,297 Da
Sequence Positions	1-400, 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 Q9FDA3
Species	Vibrio anguillarum (Listonella anguillarum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for vanM recombinant protein	MBS1396312 is a recombinant protein targeting vanM. Also known as Recombinant Vibrio anguillarum Acyl-homoserine-lactone synthase vanM (vanM). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of vanM 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 vanM. It may not necessarily be applicable to this product.

NCBI GI #	503633956
NCBI Accession #	WP_013868032.1
UniProt Primary Accession #	Q9FDA3
GenBank Nucleotide #	WP_013868032.1

NCBI Official Full Name	acyl-homoserine-lactone synthase VanM
UniProt Protein Name	Acyl-homoserine-lactone synthase VanM
Protein Family	Acyl-homoserine-lactone synthase
UniProt Gene Name	vanM
UniProt Synonym Gene Names	AHL synthase VanM
UniProt Comments for vanM	Required for the synthesis of N-(3-hydroxyhexanoyl)homoserine lactone (3-hydroxy-C6-HSL) and N-hexanoylhomoserine lactone (C6-HSL).
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