Putative Antitoxin Vapb2 (vapB2) Haemophilus Influenzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative antitoxin VapB2 (vapB2), Recombinant Protein
Full Product Name	Recombinant Haemophilus influenzae Putative antitoxin VapB2 (vapB2)
Product Gene Name	vapB2 recombinant protein
Product Synonym Gene Name	vapB2
Sequence	MIEASVFMTN RSQAVRLPAE VRFSEEIKKL SVRVSGSDRI LSPLNQSWDS FFLNDQAVSD DFMNEREIAF QPEREAL
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	8,881 Da
Sequence Positions	1-77, 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 Q57120
Species	Haemophilus influenzae (strain 51907 / DSM 11121 / KW20 / Rd)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for vapB2 recombinant protein	MBS1353886 is a recombinant protein targeting vapB2. Also known as Recombinant Haemophilus influenzae Putative antitoxin VapB2 (vapB2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of vapB2 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 vapB2. It may not necessarily be applicable to this product.

NCBI GI #	16272886
NCBI GeneID	949840
NCBI Accession #	NP_439109.1
UniProt Primary Accession #	Q57120
UniProt Secondary Accession #	O05037
UniProt Related Accession #	Q57120

GenBank Nucleotide #	NC_000907.1
NCBI Official Full Name	hypothetical protein HI0948
NCBI Official Symbol	HI0948
UniProt Protein Name	Antitoxin VapB2
Protein Family	Antitoxin
UniProt Gene Name	vapB2
NCBI Protein Information	hypothetical protein
UniProt Comments for vapB2	Antitoxin component of a type II toxin-antitoxin (TA) system. Neutralizes the effect of toxin VapC2 ().
Research Articles on vapB2	**1.** Two single amino acid residues (W48 and F52) in the C-terminal region of the VapB2(HI0948) antitoxin necessary for its ability to neutralize its cognate VapC2(HI0947) toxin.
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