Modification Methylase Hphia (hphIAM) Haemophilus Parahaemolyticus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Modification methylase HphIA (hphIAM), Recombinant Protein
Full Product Name	Recombinant Haemophilus parahaemolyticus Modification methylase HphIA (hphIAM)
Product Gene Name	hphIAM recombinant protein
Sequence	MGFHSKNNSE YNGDFIILSS IYYWMILLYC IKFFLSKYLI YCMSLTYIDL FSGAGGFSLG FDRAGFHQLL SVEIEPHYCD TYRANFPDHQ VLQQDLTTLS DDNLLRHINH RKVDVVIGGP PCQGFSMAGK IGRTFADDPR NHLFKEFVRV VKLTQPKFFV MENVARLFTH NSGKTRAEIT EQFERLGYKV KCKVLNAADF GVPQLRSRIV FIGRKDGGEI TFPEPSHTEY NTVGDAIGHF PKLNAGENSL ILNHEAMNHS TQMLEKMSFV KNGGDRNDIP ESLRPISGDV RKYIRYHSDK PSVCVTGDMR KVFHYEQNRA LTVRELAALQ SFPDDFVFLG KKIAQQQQVG NAVPPLLAQA IAEAVLKMNT NE
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	42,248 Da
Sequence Positions	1-372, 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 P50192
Species	Haemophilus parahaemolyticus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hphIAM recombinant protein	MBS1047166 is a recombinant protein targeting hphIAM. Also known as Recombinant Haemophilus parahaemolyticus Modification methylase HphIA (hphIAM). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hphIAM 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 hphIAM. It may not necessarily be applicable to this product.

NCBI GI #	1709158
NCBI Accession #	P50192.1
UniProt Primary Accession #	P50192
NCBI Official Full Name	Modification methylase HphIA

UniProt Protein Name	Modification methylase HphIA
UniProt Synonym Protein Names	Cytosine-specific methyltransferase HphIA; M.Hphi(C)
Protein Family	Modification methylase
UniProt Gene Name	hphIAM
UniProt Synonym Gene Names	hphIMC; M.HphIA
UniProt Comments for hphIAM	This methylase protects the DNA from cleavage by the HphI endonuclease.
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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