# Trna1 (Val) (Adenine (37)-N6)-Methyltransferase (VP0506) Vibrio Parahaemolyticus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | tRNA1 (Val) (adenine (37)-N6)-methyltransferase (VP0506), Recombinant Protein |
| **Full Product Name** | Recombinant Vibrio parahaemolyticus tRNA1 (Val) (adenine (37)-N6)-methyltransferase (VP0506) |
| **Product Gene Name** | VP0506 recombinant protein |
| **Product Synonym Gene Name** | VP0506 |
| **Sequence** | MKSGKFQTKG FKFKQFCIEG GESGMPVSTD GVMLGAWMES PSPAHILDIG TGTGLLALMC AQRFPDAKIT AVDIETTAVE AASHNFSHSP WHDRLSVQHT DVLIFSPPQR FQRIVCNPPY FNTGEQAKQS QRATARHTDS LRHDALLKCC YQLLDAEGKA SFVLPITEGE LFIELALTQG WSLSRLCRVQ PSEKKPVHRL LFELAKQPCD TQESHLIIHS SDGYSDDFVR LTHEFYLKM |
| **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** | 26,768 Da |
| **Sequence Positions** | 1-239, Full length |
| **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 Q87SB8 |
| **Species** | Vibrio parahaemolyticus |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for VP0506 recombinant protein** | MBS1422921 is a recombinant protein targeting VP0506. Also known as Recombinant Vibrio parahaemolyticus tRNA1 (Val) (adenine (37)-N6)-methyltransferase (VP0506). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of VP0506 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 VP0506. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 28897280 |
| **NCBI GeneID** | 1187974 |
| **NCBI Accession #** | NP_796885.1 |
| **UniProt Primary Accession #** | Q87SB8 |

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| **UniProt Related Accession #** | Q87SB8 |
| **GenBank Nucleotide #** | NC_004603.1 |
| **NCBI Official Full Name** | hypothetical protein VP0506 |
| **NCBI Official Symbol** | VP0506 |
| **UniProt Protein Name** | tRNA1(Val) (adenine(37)-N6)-methyltransferase |
| **UniProt Synonym Protein Names** | tRNA m6A37 methyltransferase |
| **UniProt Gene Name** | VP0506 |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for VP0506** | Specifically methylates the adenine in position 37 of tRNA1(Val) (anticodon cmo5UAC). |
| **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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