# V-Type Proton Atpase Catalytic Subunit A (Vhaa), Partial (VhaA) Aedes Albopictus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | V-type proton ATPase catalytic subunit A (VhaA), partial, Recombinant Protein |
| **Full Product Name** | Recombinant Aedes albopictus V-type proton ATPase catalytic subunit A (VhaA), partial |
| **Product Gene Name** | VhaA recombinant protein |
| **Product Synonym Names** | V-type proton ATPase catalytic subunit A; V-ATPase subunit A; EC=3.6.3.14; V-ATPase 69 kDa subunit; Vacuolar proton pump subunit alpha |
| **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** | 68,229 Da |
| **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 Q2TJ56 |
| **Species** | Aedes albopictus (Asian tiger mosquito) (Culex albopictus) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for VhaA recombinant protein** | MBS1348570 is a recombinant protein targeting VhaA. Also known as Recombinant Aedes albopictus V-type proton ATPase catalytic subunit A (VhaA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of VhaA 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 VhaA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 122002537 |
| **NCBI Accession #** | Q2TJ56.1 |
| **UniProt Primary Accession #** | Q2TJ56 |
| **NCBI Official Full Name** | V-type proton ATPase catalytic subunit A |
| **UniProt Protein Name** | V-type proton ATPase catalytic subunit A |
| **UniProt Synonym Protein Names** | V-ATPase 69 kDa subunit; Vacuolar proton pump subunit alpha |
| **UniProt Gene Name** | VhaA |
| **UniProt Synonym Gene Names** | V-ATPase subunit A |

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| **UniProt Entry Name** | VATA_AEDAL |
| **UniProt Comments for VhaA** | Catalytic subunit of the peripheral V1 complex of vacuolar ATPase. V-ATPase vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells (). |
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