V-Type Proton Atpase Catalytic Subunit A (V-ATPase subunit A) Brassica Napus Recombinant Protein

PRODUCT OVERVIEW

Product Name	V-type proton ATPase catalytic subunit A (V-ATPase subunit A), Recombinant Protein
Full Product Name	Recombinant Brassica napus V-type proton ATPase catalytic subunit A, partial
Product Gene Name	V-ATPase subunit A recombinant protein
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	68,731 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 Q39291
Species	Brassica napus (Rape)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for V-ATPase subunit A recombinant protein	MBS1343480 is a recombinant protein targeting V-ATPase subunit A. Also known as Recombinant Brassica napus V-type proton ATPase catalytic subunit A, partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of V-ATPase subunit A 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 V-ATPase subunit A. It may not necessarily be applicable to this product.

NCBI GI #	2493122
NCBI Accession #	Q39291.1
UniProt Primary Accession #	Q39291
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	BN59; Tonoplast ATPase 70 kDa subunit; V-ATPase 69 kDa subunit; Vacuolar proton pump subunit alpha
Protein Family	V-type proton ATPase
UniProt Gene Name	V-ATPase subunit A
UniProt Synonym Gene Names	V-ATPase subunit A

UniProt Comments for V-ATPase subunit A	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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