V-Type Proton Atpase Subunit B (V-ATPase subunit B) Cyanidium Caldarium Recombinant Protein

PRODUCT OVERVIEW

Product Name	V-type proton ATPase subunit B (V-ATPase subunit B), Recombinant Protein
Full Product Name	Recombinant Cyanidium caldarium V-type proton ATPase subunit B
Product Gene Name	V-ATPase subunit B recombinant protein
Sequence	MEAFNLHKKA VSRDYIVKPR LEYRTVSAVN GPLIILQNVK SPRFAEIVNV TLGDGSVRRG QVLEINQDKA VVQIFEGTTG IDNKKTVCQF TGEILKTPVS LDMLGRVFNG SGKPIDGGPP ILPEAYLDIQ GQPINPQSRT YPEEMFETGI SSIDVMNSIA RGQKIPLFSG AGLPHNEVAA QICRQVCLVS TCTLVKRSGK DEEDFAIVFA AMGVNMETAR FFRQDFEENG AMERVTLFLN LANDPTIERI ITPRLALTFA EYLAYEKGKH VLVILTDMSA YADALREVSA AREEVPGRRG YPGYMYTDLA TIYERAGRVE GRPGSITQLP ILTMPNDDIT HPIPDLTGYI TEEQIYLDRQ LHNRQIYPPI NVLPSLSRLM KSAIGEGMTR KDHSDVSNQL YAAYAMGKDA LAMRAVVGVE ALSQEDLLYL EFHDKFERRF VNQGAYERRD IYTSLDMAWD LLRIFPVQML RRIPEKILQE YYHRTSNYEH KENKPHSSRS
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	56,434 Da
Sequence Positions	1-500, 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 P48413
Species	Cyanidium caldarium
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for V-ATPase subunit B recombinant protein	MBS1232928 is a recombinant protein targeting V-ATPase subunit B. Also known as Recombinant Cyanidium caldarium V-type proton ATPase subunit B. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of V-ATPase subunit B 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 B. It may not necessarily be applicable to this product.

NCBI GI #	1352831
NCBI Accession #	P48413.1
UniProt Primary Accession #	P48413

NCBI Official Full Name	V-type proton ATPase subunit B
UniProt Protein Name	V-type proton ATPase subunit B
UniProt Synonym Protein Names	Vacuolar proton pump subunit B
Protein Family	V-type proton ATPase
UniProt Gene Name	V-ATPase subunit B
UniProt Synonym Gene Names	V-ATPase subunit B
UniProt Comments for V-ATPase subunit B	Non-catalytic subunit of the peripheral V1 complex of vacuolar ATPase. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.
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