Vacuolar Atpase Assembly Integral Membrane Protein VMA21 (VMA21) (CNK00410) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vacuolar ATPase assembly integral membrane protein VMA21 (VMA21) (CNK00410), Recombinant Protein
Full Product Name	Recombinant Cryptococcus neoformans var. neoformans serotype D Vacuolar ATPase assembly integral membrane protein VMA21 (VMA21)
Product Gene Name	CNK00410 recombinant protein
Product Synonym Gene Name	VMA21
Product Synonym Names	Recombinant Vacuolar ATPase assembly integral membrane protein VMA21 (VMA21); Vacuolar ATPase assembly integral membrane protein VMA21
Sequence	MSNRVSTGKM AMAPQESVQP AVLYKLVLFA LLMAVVPIGT YFSTLNYLWD GASRCGFPSG LCSTTFAAIS AIAAANLILV GYVVVAFRED AASRTGPLPE KKTS
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	10,993 Da
Sequence Positions	1-104
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.
Chromosome Location	Chromosome: 11; NC_006680.1 (123468..124000). Location: chromosome: 11
3D Structure	ModBase 3D Structure for P0CS24
Species	Cryptococcus neoformans var. neoformans serotype D (strain JEC21 / MYA-565) (Filobasidiella neoformans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CNK00410 recombinant protein	MBS1257624 is a recombinant protein targeting CNK00410. Also known as Recombinant Cryptococcus neoformans var. neoformans serotype D Vacuolar ATPase assembly integral membrane protein VMA21 (VMA21). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CNK00410 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 CNK00410. It may not necessarily be applicable to this product.

NCBI GI #	58260400
NCBI GeneID	3254662

NCBI Accession #	XP_567610.1
UniProt Primary Accession #	P0CS24
UniProt Secondary Accession #	Q55JN0; Q5K9X1
UniProt Related Accession #	P0CS24
GenBank Nucleotide #	XM_567610.1
NCBI Official Full Name	hypothetical protein CNK00410
NCBI Official Symbol	CNK00410
UniProt Protein Name	Vacuolar ATPase assembly integral membrane protein VMA21
UniProt Gene Name	VMA21
UniProt Entry Name	VMA21_CRYNJ
NCBI Protein Information	hypothetical protein
UniProt Comments for CNK00410	Function: Required for the assembly of the V0 complex of the vacuolar ATPase (V-ATPase) in the endoplasmic reticulum By similarity. Subcellular location: Endoplasmic reticulum membrane; Multi-pass membrane protein By similarity. Endoplasmic reticulum-Golgi intermediate compartment membrane; Multi-pass membrane protein By similarity. Cytoplasmic vesicle › COPII-coated vesicle membrane; Multi-pass membrane protein By similarity. Sequence similarities: Belongs to the VMA21 family.
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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