Calcium-Transporting Atpase PAT1 (patA) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calcium-transporting ATPase PAT1 (patA), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Calcium-transporting ATPase PAT1 (patA), partial
Product Gene Name	patA 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	120,677 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 P54678
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for patA recombinant protein	MBS1162538 is a recombinant protein targeting patA. Also known as Recombinant Dictyostelium discoideum Calcium-transporting ATPase PAT1 (patA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of patA 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 patA. It may not necessarily be applicable to this product.

NCBI GI #	111226706
NCBI GeneID	8621371
NCBI Accession #	XP_642164.2
UniProt Primary Accession #	P54678
UniProt Secondary Accession #	Q54YN8
GenBank Nucleotide #	XM_637072.2
NCBI Official Full Name	P-type ATPase
NCBI Official Symbol	patA
UniProt Protein Name	Calcium-transporting ATPase PAT1
Protein Family	Acetate transporter protein

UniProt Gene Name	patA
NCBI Protein Information	P-type ATPase
UniProt Comments for patA	Calcium ATPase involved in Ca2+ homeostasis as a component of the contractile vacuole complex.
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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