

## Product Information

### MemDX™ Membrane Protein Human ATP11A (ATPase phospholipid transporting 11A) Full Length

Cat. No.: **MPC0405K**

This product is for research use only and is not intended for diagnostic use.

This product is a 129.7 kDa Human ATP11A membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

ATP11A

##### Protein Length

Full length

##### Protein Class

Transporter

##### Molecular Weight

129.7 kDa

##### TMD

10

##### Sequence

MDCSLVRTLVHRYCAGEENWVDSRTIYVGHREPPPGAEAYIPQRYPDNRI  
VSSKYTFWNFIPKNLFEQFRRVANFYFLIIFLVQLIIDTPTSPVTSGPLPL  
FFVITVTAIKQGYEDWLRHKADNAMNQCPVHFHQHGLVRKQSRKLRVGD  
IVMVKEDETFPCDLIFLSSNRGDGTCHVTTASLDGESSHKTHYAVQDTKG  
FHTEEDIGGLHATIECEQPQPDLYKFVGRINVYSDLNDPVVRPLGSENLL  
LRGATLKNTEKIFGVAIYTGMEKTMALNYQSKSQKRSERVEKSMNAFLIVY  
LCILISKALINTVLKYMWQSEPFRDEPWYNQKTESERQRNLFKAFTDFL  
AFMVLFNFIIPVSMYVTVEMQKFLGSYFITWDEDMFDEETGEGPLVNTSD  
LNEELGQVEYIFTDKTGTLTENNMEFKECCIEGHVYVPHVICNGQVLPES  
SGIDMIDSSPSVNGREREELFFRALCLCHTVQVKDDDSVDGPRKSPDGKK  
SCVYISSSPDEVALVEGVQRLGFTYLRKLDNYMEILNRENHIERFELLEI  
LSFDSVRRRMSVIVKSATGEIYLFCKGADSSIFPRVIEGKVDQIRARVER  
NAVEGLRTLCAVAYKRLIQEEYEGICKLLQAAKVALQDREKKLAEAYEQIE  
KDLTLLGATAVEDRLQEKAADTIEALQKAGIKVWVLTGDKMETAAATCYA  
CKLFRNTQLLELTTRIEEQSLHDVLFELSKTVLRHSGSLTRDNLGSL  
ADMQDYGLIIDGAALSLIMKPREDGSSGNYRELFLICRSCSAVLCCRMA  
PLQKAQIVKLIKFSKEHPITLAIGDGANDVSMILEAHVIGVIGKEGRQA  
ARNSDYAIPKFKHLKMLLVHGHFYIRISELVQYFFYKNVCFIFPQFLY  
QFFCGFSQQTLTYDTAYLTLYNISFTSLPILLYSLMEQHVIGIDVLKRDPTL

YRDVAKNALLRWRVFIYWTLLGLFDALVFFFGAYFVFENTTVTSNGQIFG  
NWTFGTLVFTVMVFTVTLKLALDTHYWTWINHFVIWGSLLFYVVFSLWLG  
GVIWPFLNYQRMYYVFIQMLSSGPAWLAIVLLVTISLLPDVLKKVLCRQL  
WPTATERVQTKSQCLSVEQSTIFMLSQTSSSLSF

## Product Description

### Expression Systems

HEK293

### Tag

Based on specific requirements

### Protein Format

Detergent or based on specific requirements

### Form

Liquid

### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

## Target

### Target Protein

ATP11A

### Full Name

ATPase phospholipid transporting 11A

### Introduction

The protein encoded by this gene is an integral membrane ATPase. The encoded protein is probably phosphorylated in its intermediate state and likely drives the transport of ions such as calcium across membranes. Two transcript variants encoding different isoforms have been found for this gene.

### Alternative Names

ATPIH; ATPIS; probable phospholipid-transporting ATPase IH; ATPase, class VI, type 11A; P4-ATPase flippase complex alpha subunit ATP11A; phospholipid-translocating ATPase; potential phospholipid-transporting ATPase IH; ATP11A; ATPase phospholipid transporting 11A

### Gene ID

[23250](#)

### UniProt ID

[P98196](#)