

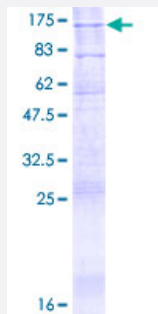
Full-Length

ATP9A (Human) Recombinant Protein (P01)

Catalog # H00010079-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ATP9A full-length ORF (NP_006036.1, 1 a.a. - 1047 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTDNIPLQPVRQKKRMDSRPRAGCCEWLRCCGGGEARPTVWLGHPEKRDQRYPRNVINNQKY
NFFTFLPGVLFNQFKYFFNLYFLLACSQFVPEMRLGALYTYWVPLGFLAVTVIREAVEEIRCYVR
DKEVNSQVYSRLTARGTVKVKSSNIQVGDLIVEKNQRVPADMIFLRTSEKNGSCFLRTDQLDGET
DWKLRLPVACTQRLPTAADLLQIRSYVYAEENIDIHNFVGTFTREDSDPPISESLSIENTLWAGTV
VASGTVGVVLYTGRELRSVMNTSNPRSKIGLFDLEVNCLTKILFGALVVVSLVMVALQHFAGRW
YLQIIRFLLLFSNIIPISLRVNLDMGKIVYSWVIRRDSKIPGTVVRSSSTIPEQLGRISYLLTDKTGTLTQNE
MIFKRLHLGTVAAYGLDSMDEVQSHIFSITQQSQDPPAQKGPTLTTKVRRTMSSRVHEAVKAIALC
HNVTPVYESNGVTDQAEAEKQYEDSCRVYQASSPDEVALVQWTESVGLTLVGRDQSSMQLRTP
GDQILNFTILQIFPFTYESKRMGIIVRDESTGEITFYMKGADVVMAGVQYNDWLEEECGNMAREGL
RVLVVAKKSLAEEQYQDFEARYVQAKLSVHDRSLKVATVIESLEMEMELLCLTGVEDQLQADV
PTLETLRNAGIKVWMLTGDKLETATCTAKNAHLVTRNQDIHVFRLLVTRNGEAHLELNAFRKHDCA
LVISGDSLEVCLKYYEYEFMELACQCPAVVCCRCAPTQKAQVRLLQERTGKLTCAVGDGGNDV
SMIQESDCGVGVEGKEGKQASLAADFSITQFKHLGRLLMVHGRNSYKRSAALSQFVIHRLCIST
MQAVFSSVFYFASVPLYQGFLIGYSTITYTMFPVFSVLVDKDKSEVAMLYPELYKDLLKGRPLSYK
TFLWVLISYQGSTIMYGALLLFESEFVHVAISFTSLILTELLMVALTIQTWHWLMTVAELLSLACYIAS
LVFLHEFIDVYFIATLSFLWKVSVITLVSCLPLVYLKYLRRRFSPPSYSKLT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

145

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ATP9A

Entrez GeneID	10079
GeneBank Accession#	NM_006045.1
Protein Accession#	NP_006036.1
Gene Name	ATP9A
Gene Alias	ATPIIA, KIAA0611
Gene Description	ATPase, class II, type 9A
Omim ID	609126
Gene Ontology	Hyperlink
Gene Summary	class II
Other Designations	ATPase type IV, phospholipid-transporting (P-type),(putative) OTTHUMP00000043369 phospholipid-transporting ATPase IIA

Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)