

Recombinant Full Length Human ATP9A Protein, GST-tagged

Cat. No. ATP9A-1098HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP9A full-length ORF (NP_006036.1, 1 a.a. - 1047 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1047 amino acids
Description	ATP9A (ATPase Phospholipid Transporting 9A (Putative)) is a Protein Coding gene. Among its related pathways are Ion channel transport and Cardiac conduction. GO annotations related to this gene include nucleotide binding and cation-transporting ATPase activity. An important paralog of this gene is ATP9B.
Molecular Mass	145 kDa
AA Sequence	MTDNIPLQPV RQKKRMDSRP RAGCCEWLRC CGGGEARPT VWLGHPEKRD QRYPRNVINN QKYNFFTFLLP GVLFNQFKYF FNLYFLLLAC SQFVPEMRLG ALYTYWVPLG FVLAVTVIRE AVEEIRCYVR DKEVNSQVYS RLTARGETVKV KSSNIQVGDL IIVEKNQRVP ADMIFLRTSE KNGSCFLRTD QLDGETDWKL RLPVACTQRL PTAADLLQIR SYVYAEENI DIHNFVGTFT REDSDPPISE SLSIENTLWA GTVVASGTVV GVVLYTGREL RSVMNTSNPR SKIGLFDLEV NCLTKILFGA LVVVSVMVA LQHFAGRWYL QIIRFLLLFS NIIPISLRVN LDMGKIVYSW VIRRDSKIPG TVVRSSTIPE QLGRISYLLT DKTGTLTQNE MIFKRLHLGT VAYGLDSMDE VQSHIFSIYT QQSQDPPAQK GPTLTTKVRR

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TMSSRVHEAV KAIALCHNVT PVYESNGVTD QAEAEKQYED SCRVIYQASSP
 DEVALVQWTE SVGLTLVGRD QSSMQLRTPG DQILNFTILQ IFPFTYESKR
 MGIIVRDEST GEITFYMKGA DVVMAGIVQY NDWLEEEECGN MAREGLRVLV
 VAKKSLAEEQ YQDFEARYVQ AKLSVHDRSL KVATVIESLE MEMELLCLTG
 VEDQLQADVR PTLETLRNAG IKVWMLTGDK LETATCTAKN AHLVTRNQDI
 HVFRLVTNRG EAHLELNAFR RKHDCALVIS GDSLEVCLKY YEYEFMELAC
 QCPAVVCCRC APTQKAQIVR LLQERTGKLT CAVGDGGNDV SMIQESDCGV
 GVEGKEGKQA SLAADFSITQ FKHLGRLLMV HGRNSYKRSA ALSQFVIHRS
 LCISTMQAVF SSVFYFASVP LYQGFLIIGY STIYTMFPVF SLVLDKDVKS
 EVAMLYPELY KDLLKGRPLS YKTFLIWVLI SIYQGSTIMY GALLLFESEF
 VHIVASFTS LILTELLMVA LTIQTWHWLM TVAELLSLAC YIASLVFLHE
 FIDVYFIATL SFLWKVSVIT LVSCCLPLYVL KYLRRRFSP SYSKLTS

Applications

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ATP9A ATPase, class II, type 9A [Homo sapiens]

Official Symbol

ATP9A

Synonyms

ATP9A; ATPase, class II, type 9A; ATPase, Class II, type 9A; probable phospholipid-transporting ATPase IIA; ATP1IA; KIAA0611; phospholipid-transporting ATPase IIA; ATPase type IV, phospholipid-transporting (P-type),(putative)

Gene ID

10079

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mRNA Refseq	NM_006045
Protein Refseq	NP_006036
MIM	609126
UniProt ID	O75110

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