

Recombinant Human ATP12A protein, GST-tagged

Cat. No. ATP12A-961H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP12A partial ORF (NP_001667, 174 a.a. - 281 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This gene encodes a catalytic subunit of the ouabain-sensitive H ⁺ /K ⁺ - ATPase that catalyzes the hydrolysis of ATP coupled with the exchange of H(+) and K(+) ions across the plasma membrane. It is also responsible for potassium absorption in various tissues. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]
Molecular Mass	37.62 kDa
AA Sequence	SSFNKMIPQQALVIRDSEKKTIPSEQLVVGDIVKGGDQIPADIRVLSSQGCRVDNS SLTGESEPQPRSSEFTHENPLETKNICFYSTTCLEASTSPVGTVTGMVIN
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name [ATP12A ATPase, H+/K+ transporting, nongastric, alpha polypeptide \[Homo sapiens \]](#)

Official Symbol [ATP12A](#)

Synonyms ATP12A; ATPase, H+/K+ transporting, nongastric, alpha polypeptide; ATP1AL1, ATPase, Na+/K+ transporting, alpha polypeptide like 1; potassium-transporting ATPase alpha chain 2; ATPase; Na+K+ transporting; alpha 1 polypeptide like; non gastric H(+)/K(+) ATPase alpha subunit; potassium transporting ATPase alpha chain 2; proton pump; sodium/potassium ATPase; alpha polypeptide like; non-gastric H(+)/K(+) ATPase alpha subunit; non-gastric H(+)/K(+) ATPase subunit alpha; ATPase, Na+/K+ transporting, alpha polypeptide-like 1; ATP1AL1;

Gene ID [479](#)

mRNA Refseq [NM_001185085](#)

Protein Refseq [NP_001172014](#)

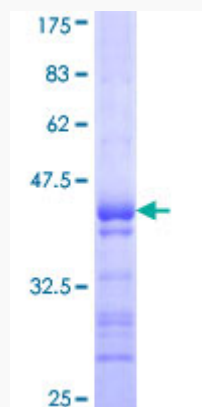
MIM [182360](#)

UniProt ID [P54707](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA