



# Recombinant Human Sodium/potassium-transporting ATPase subunit alpha-1 (ATP1A1), partial

<b>Product Code</b>	CSB-EP002322HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P05023
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>TVT VCLTLTAKR MARKNCLVKNLEAVETLGSTSTICSDKTGTLTQNRMTVAHM  WFDNQIH  EADTTENQSGV SFDKTSATWLALSRIAGLCNRAVFQANQENLPILKRAVAGDA  SESALLK  CIELCCGSVKEMRERYAKIVEIPFNSTNKYQLSIHKNPNTSEPHLLVMKGAPE  RILDRC  SSILLHGKEQPLDEELKDAFQNAYLELGGGLGERVLGFCHLFLPDEQFPEGFQF  DTDDVNF  PIDNLCFVGLISMIDPPRAAVPDAVGKCRSAGIKVIMVTGDHPITAKAIAKGVGII  SEGN  ETVEDIAARLNIPVSQVNPRDAKACVVHGS DLKDMTSEQLDDILKYHTEIVFAR  TSPQQK  LIIVEGCQRQGAIVAVTGDGVNDSPALKKADIGVAMGIAGSDVSKQAADMILLD  DNFASI VTGVEEGRLIFDNL</p>
<b>Source</b>	E.coli
<b>Target Names</b>	ATP1A1
<b>Protein Names</b>	<p>Recommended name: Sodium/potassium-transporting ATPase subunit alpha-1  Short name= Na(+)/K(+) ATPase alpha-1 subunit EC= 3.6.3.9  Alternative name(s): Sodium pump subunit alpha-1</p>
<b>Expression Region</b>	339-772aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	partial
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.