

Recombinant Human ATP11B protein, GST-tagged

Cat. No. ATP11B-959H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP11B partial ORF (NP_055431, 1087 a.a. - 1177 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	P-type ATPases, such as ATP11B, are phosphorylated in their intermediate state and drive uphill transport of ions across membranes. Several subfamilies of P-type ATPases have been identified. One subfamily transports heavy metal ions, such as Cu(2+) or Cd(2+). Another subfamily transports non-heavy metal ions, such as H(+), Na(+), K(+), or Ca(+). A third subfamily transports amphipaths, such as phosphatidylserine.[supplied by OMIM, Feb 2005]
Molecular Mass	35.75 kDa
AA Sequence	DIKKVFDRHLHPTSTEKAQLTETNAGIKCLDSMCCFPEGEAACASVGRMLERVIGR CSPTHISRSWSASDPFYTNDRSILTLSTMDSSSTC
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.

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

GENE INFORMATION

Gene Name ATP11B ATPase, class VI, type 11B [Homo sapiens]

Official Symbol ATP11B

Synonyms ATP11B; ATPase, class VI, type 11B; ATPase, Class VI, type 11B; probable phospholipid-transporting ATPase IF; ATPIF; ATPIR; KIAA0956; ATPase IR; MGC46576; DKFZp434J238; DKFZp434N1615;

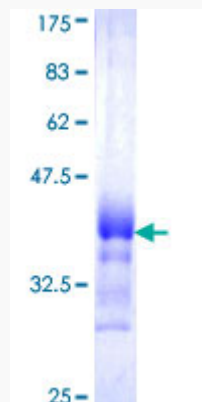
Gene ID 23200

mRNA Refseq NM_014616

Protein Refseq NP_055431

MIM 605869

UniProt ID Q9Y2G3



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12.5% SDS-PAGE Stained with Coomassie Blue.

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