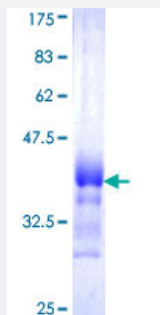


ATP11B (Human) Recombinant Protein (Q01)

Catalog # H00023200-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ATP11B partial ORF (NP_055431, 1087 a.a. - 1177 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DIKKVFDRLHPTSTKAQLTETNAGIKCLDSMCCFPEGEAACASVGRMLERVIGRCSPTHISRS WSASDPFYTNDRSILTLSTMDSSTC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.75
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 — ATP11B

Entrez GeneID [23200](#)

GeneBank Accession# [NM_014616](#)

Protein Accession# [NP_055431](#)

Gene Name ATP11B

Gene Alias ATP1F, ATP1R, DKFZp434J238, DKFZp434N1615, KIAA0956, MGC46576

Gene Description ATPase, class VI, type 11B

Omim ID [605869](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations -