## Probable phospholipid-transporting ATPase IF

Catalog No: #AP79096

Package Size: #AP79096-1 50ug #AP79096-2 100ug #AP79096-3 1mg



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## Description

| Brief Description   Recombinant Protein     Host Species   E.coli     Purification   Greater than 90% by SDS-PAGE     Species Reactivity   Human     Immunogen Description   105-289AA     Other Names   ATPIF,ATPIR,KIAA0956,ATPase IR,ATPase class VI type 11B,P4-ATPase flippase complex alpha subunit<br>ATP11B     Accession No.   Q9Y2G3Gene name:ATP11B     Uniprot   Q9Y2G3     GeneID   23200;     Calculated MW   20.35     Tag Info   His     Formulation   SomM NacI Buffer with 500mM Imidazole,10%glycerol(PH8.0)               |                       |  |
|---|-----------------------|--|
| Host SpeciesE.coliPurificationGreater than 90% by SDS-PAGESpecies ReactivityHumanImmunogen Description105-289AAOther NamesATPIF,ATPIR,KIAA0956,ATPase IR,ATPase class VI type 11B,P4-ATPase flippase complex alpha subunit<br>ATP11BAccession No.Q9Y2G3Gene name:ATP11BUniprotQ9Y2G3GeneID23200;Calculated MW20.35Tag InfoHisFormulation50mM NaH2PO4, 500mM NaCI Buffer with 500mM Imidazole,10%glycerol(PH8.0)StorageStore at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended.                  | Product Name          | Probable phospholipid-transporting ATPase IF   |
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| Storage Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended.  | Tag Info              | His  |
|   | Formulation           | 50mM NaH2PO4, 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)                                |
| Store working aliquots at 4°C for up to one week.   | Storage               | Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. |
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## Background

Catalytic component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids from the outer to the inner leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules (Probable). Involved in regulation of sensitivity to cisplatin; may contribute to secretory vesicle transport of cisplatin from Golgi to plasma membrane.

## References

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Note: This product is for in vitro research use only