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Datasheet for ABIN5712880

ATP1B1 Protein (AA 1-497, full length) (His tag)

1 Image

Overview

| | |
|-------------------------------|-----------------------------------------------|
| Quantity: | 100 µg |
| Target: | ATP1B1 |
| Protein Characteristics: | AA 1-497, full length |
| Origin: | Lemna minor (Common duckweed) |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ATP1B1 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

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| Sequence: | <p>MQINPTTSGT AVSQLEEKNL GRVAQIIGPV LDVVFPPGKM PNIYNALVVK GQDADGQEIK VTCEVQQLLG NNRVRAVAMS ATDGLTRGMD VIDTGAPLSV PVGGATLGRI FNVLGEPVDN LGPVDTRTTS PIHRSAPAFI QLDTKLAIFE TGIKVVLLA PYRRGGKIGL FGGAGVGKTV LIMELINNIA KAHGGVSVFG GVGERTREGN DLYMEMKESG VINEKNITES KVALVYGQMN EPPGARMRVG LTALTMAEYF RDVNEQDVLL FIDNIFRFVQ AGSEVSALLG RMPSAVGYQP TLSTEMGSLQ ERITSTKEGS ITSIAVYVP ADDLTDPPA TTFALHDATT VLSRGLAAKG IYPAVDPLDS TSTMLQPGIV GEDHYETAQR VKETLQRYKE LQDIIAILGL DELSEEDRLT VARARKIERF LSQPPFVAEV FTGSPGKYVG LEETIRGFKL ILSGELDSLPEQAFYLVGNI DEATAKAINL EVESKLLK</p> |
| Purification: | SDS-PAGE |
| Purity: | > 90 % |

Target Details

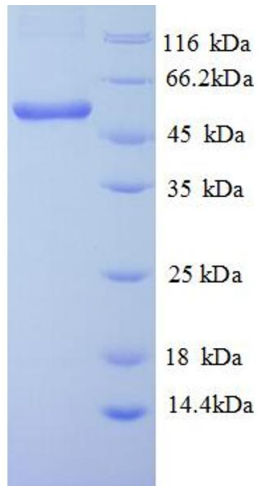
| | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | ATP1B1 |
| Alternative Name: | ATPB (ATP1B1 Products) |
| Background: | Produces ATP from ADP in the presence of a proton gradient across the mbrane. The catalytic sites are hosted primarily by the beta subunits. |
| Molecular Weight: | 57.6 kDa |
| UniProt: | A9L9A3 |
| Pathways: | Thyroid Hormone Synthesis , Ribonucleoside Biosynthetic Process , SARS-CoV-2 Protein Interactome |

Application Details

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|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format: | Liquid |
| Concentration: | 0.1-2 mg/mL |
| Buffer: | 20 mM Tris-HCl based buffer, pH 8.0 |
| Storage: | -80 °C, 4 °C, -20 °C |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |



SDS-PAGE

Image 1.