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Datasheet for ABIN1657715 ATP6V1H Protein (AA 1-475) (His tag)



| Overview | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | ATP6V1H |
| Protein Characteristics: | AA 1-475 |
| Origin: | Manduca |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ATP6V1H protein is labelled with His tag. |
| Application: | ELISA |
| Product Details | |
| Sequence: | MANIGDEKVS QLIPTLGDDK IDMIAATSVL QIRASEIRQT QINWQSYLQG QMITQRDHDF |
| | IVNLDQRGQK DLPDKNPDAC ADVFLNLLTH ISKDHTIQYI LVLIDDILSE DKSRVKIFRE |
| | TKYSGNIWQP FLNLLNRQDE FVQHMTARII AKLACWHPQL MDKSDLHFYL SWLKDQLKMN |
| | NNDYIQSVAR CLQMMLRVDE YRFAFLSVDG ISTLLSILAS RVNFQVQYQL VFCLWVLTFN |
| | PLLAEKMNKF NAIPILADIL SDSVKEKVTR IVLAVFRNLI EKPQDQQVAK EHCIAMVQCK |
| | VLKQLSILEQ KRSDDEDIMN DVEFLNERLQ ASVQDLSSFD QYATEVKSGR LEWSPVHKSA |
| | KFWRENAARL NERGQELLRT LVHLLEKSHD PVVLAVACYD VGEYVRHYPR GKHIIEQLGG |
| | KQRVMYLLSH DDPNVRYEAL LAVQKLMVHN WEYLGKQLEK EQIDKQAGTV VGAKA |
| Specificity: | Manduca sexta (Tobacco hawkmoth) (Tobacco hornworm) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien |

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cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:

> 90 %

Target Details

| Target: | ATP6V1H |
|-------------------|---|
| Alternative Name: | V-type proton ATPase subunit H (ATP6V1H Products) |
| Background: | Recommended name: V-type proton ATPase subunit H. Short name= V-ATPase subunit H. Alternative name(s): Vacuolar proton pump subunit H |
| UniProt: | Q9U5N0 |
| Pathways: | Transition Metal Ion Homeostasis, Proton Transport |

Application Details

| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system |
|---------------|--|
| | for secretion and intracellular expression. A protein expressed by the mammalian cell system is |
| | of very high-quality and close to the natural protein. But the low expression level, the high cost |
| | of medium and the culture conditions restrict the promotion of mammalian cell expression |
| | systems. The yeast protein expression system serve as a eukaryotic system integrate the |
| | advantages of the mammalian cell expression system. A protein expressed by yeast system |
| | could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the |
| | native protein conformation. It can be used to produce protein material with high added value |
| | that is very close to the natural protein. Our proteins produced by yeast expression system has |
| | been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

Handling

| Format: | Lyophilized |
|------------------|---|
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |

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Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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