Datasheet for ABIN1620697

ATP6V1D Protein (AA 1-348) (His tag)

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Overview

Quantity:	1 mg
Target:	ATP6V1D
Protein Characteristics:	AA 1-348
Origin:	Manduca
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP6V1D protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKGCIFNIDA GYLEGLCRGF KCGILKQSDY LNLVQCETLE DLKLHLQGTD YGTFLANEPS PLSVSTIDDK LREKLVIEFQ HLRNHSVEPL STFLDFITYS YMIDNIILLI TGTLHQRPIS ELIPKCHPLG SFEQMEAIHV AATPAELYNA VLVDTPLAPF FVDCISEQDL DEMNIEIIRN TLYKAYLEAF YDFCKQIGGT TADVMCEILA FEADRRAIII TINSFGTELS KDDRAKLYPR CGKLNPDGLA ALARADDYEQ VKAVAEYYAE YSALFEGAGN NVGDKTLEDK FFEHEVNLNV HAFLQQFHFG VFYSYLKLKE QECRNIVWIS ECVAQKHRAK IDNYIPIF
Specificity:	Manduca sexta (Tobacco hawkmoth) (Tobacco hornworm)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ATP6V1D
Alternative Name:	V-type proton ATPase subunit d (ATP6V1D Products)
Background:	Recommended name: V-type proton ATPase subunit d. Short name= V-ATPase subunit d. Alternative name(s): M40 V-ATPase 40 kDa subunit Vacuolar proton pump subunit d
UniProt:	Q25531
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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.