Datasheet for ABIN7583594

ATP6V0D1 Protein (AA 1-351) (His tag)

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Overview

Quantity:	100 µg
Target:	ATP6V0D1
Protein Characteristics:	AA 1-351
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP6V0D1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSFFPELYFN VDNGYLEGLV RGLKAGVLSQ ADYLNLVQCE TLEDLKLHLQ STDYGNFLAN EASPLTVSVI DDRLKEKMVV EFRHMRNHAY EPLASFLDFI TYSYMIDNVI LLITGTLHQR SIAELVPKCH PLGSFEQMEA VNIAQTPAEL YNAILVDTPL AAFFQDCISE QDLDEMNIEI IRNTLYKAYL ESFYKFCTLL GGTTADAMCP ILEFEADRRA FIITINSFGT ELSKEDRAKL FPHCGRLYPE GLAQLARADD YEQVKNVADY YPEYKLLFEG AGSNPGDKTL EDRFFEHEVK LNKLAFLNQF HFGVFYAFVK LKEQECRNIV WIAECIAQRH RAKIDNYIPI F
Specificity:	Bos taurus (Bovine)
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:	ATP6V0D1
Alternative Name:	V-type proton ATPase subunit d 1 (ATP6V0D1) (ATP6V0D1 Products)
Background:	Recommended name: V-type proton ATPase subunit d 1. Short name= V-ATPase subunit d 1. Alternative name(s): 32 kDa accessory protein P39 V-ATPase 40 kDa accessory protein V-ATPase AC39 subunit Vacuolar proton pump subunit d 1
UniProt:	P61420
Pathways:	Transition Metal Ion Homeostasis, Proton Transport, ER-Nucleus Signaling, Unfolded Protein Response

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.