Datasheet for ABIN1607975

ATP6V1E1 Protein (AA 2-224, partial) (GST tag)

1 Image

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Overview

Quantity:	1 mg
Target:	ATP6V1E1
Protein Characteristics:	AA 2-224, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP6V1E1 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	ALSDADVQKQ IKHMMAFIEQ EANEKAEEID AKAEEEFNIE KGRLVQTQRL KIMEYYEKKE KQIEQQKKIQ MSNLMNQARL KVLRARDDLI TDLLNEAKQR LSKVVKDTTR YQVLLDGLVL QGLYQLLEPR MIVRCRKQDF PLVKAAVQKA IPMYKIATKN DVDVQIDQES YLPEDIAGGV EIYNGDRKIK VSNTLESRLD LIAQQMMPEV RGALFGANAN RKF
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:	95 %

Target Details

Target:	ATP6V1E1
Alternative Name:	V-type proton ATPase subunit E 1 protein (ATP6V1E1 Products)

Target Details

Background:	Subunit of the peripheral V1 complex of vacuolar ATPase essential for assembly or catalytic function. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.
Molecular Weight:	53.2 kD
UniProt:	P36543
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

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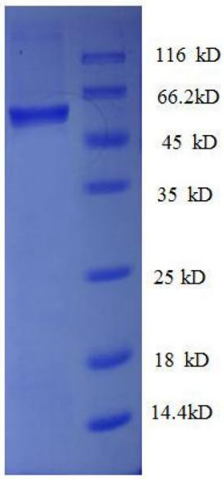

SDS-PAGE

Image 1. ATPase, H+ Transporting, Lysosomal 31kDa, V1 Subunit E1 (ATP6V1E1) (AA 2-224), (partial) protein (GST tag)

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