Datasheet for ABIN1474886

ATP6V1B2 Protein (AA 1-511) (His tag)

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Overview

Quantity:	1 mg
Target:	ATP6V1B2
Protein Characteristics:	AA 1-511
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP6V1B2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MALRAMRGIV NGAAPELPVP TGGPMAGARE QALAVSRNYL SQPRLTYKTV SGVNGPLVIL DHVKFPRYAE IVHLTLPDGT KRSGQVLEVS GSKAVVQVFE GTSGIDAKKT SCEFTGDILR TPVSEDMLGR VFNGSGKPID RGPVVLAEDF LDIMGQPINP QCRIYPEEMI QTGISAIDGM NSIARGQKIP IFSAAGLPHN EIAAQICRQA GLVKKSKDVV DYSEENFAIV FAAMGVNMET ARFFKSDFEE NGSMDNVCLF LNLANDPTIE RIITPRLALT TAEFLAYQCE KHVLVILTDM SSYAEALREV SAAREEVPGR RGFPGYMYTD LATIYERAGR VEGRNGSITQ IPILTMPNDD ITHPIPDLTG YITEGQIYVD RQLHNRQIYP PINVLPSLSR LMKSAIGEGM TRKDHADVSN QLYACYAIGK DVQAMKAVVG EEALTSDDLL YLEFLQKFEK NFITQGPYEN RTVYETLDIG WQLLRIFPKE MLKRIPQSTL SEFYPRDSAK H
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	ATP6V1B2
Alternative Name:	V-type proton ATPase subunit B, brain isoform (Atp6v1b2) (ATP6V1B2 Products)
Background:	Recommended name: V-type proton ATPase subunit B, brain isoform. Short name= V-ATPase subunit B 2. Alternative name(s): Endomembrane proton pump 58 kDa subunit Vacuolar proton pump subunit B 2
UniProt:	P62815
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

Handling

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

