

Datasheet for ABIN7583596

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



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Overview

Quantity:	100 µg
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 NGAPELPVP TGGPMAGARE QALAVSRNYL SQPRLTYKTV SGVNGPLVIL DHVKFPRYAE IVHLTLPDGT KRSGQVLEVS GSKAVVQVFE GTSGIDAKKT SCEFTGDILR TPVSEDM LGR VFNGSGKPID RGPVLAEDF LDIMGQPINP QCRIYPEEMI QTGIS AIDGM NSIARGQKIP IFSAAGLPHN EIAAQICRQA GLVKKSKDVV DYSEENFAIV FAAMGVNMET ARFFKSD FEE NGSM DNVCLF LNLAN DPTIE RIITPRLALT TAEFLAYQCE KHV LVILTDM SSYAEALREV SAAREEV PGR RGFP GYMYTD LATIYERAGR VEGRNGSITQ IPILTMPND D ITHPIPD L TG YITEGQIYVD RQLHNRQIYP PINVLPSLSR LMKSAIGEGM TRKDHADVSN QLYACYAIGK DVQAMKAVVG EEALTSDDL 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, mammalian 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 modified 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.