Datasheet for ABIN1617485

VDAC4 Protein (AA 1-317) (His tag)

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Overview

Quantity:	1 mg
Target:	VDAC4
Protein Characteristics:	AA 1-317
Origin:	Oryza sativa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VDAC4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEAETECKVP GVYSETGIPV EDPAPGLNSD VSKKDAPPAV AAPGPGLYFE IGKKARDLLY KDFHTDQKFT LTTYTNNGVV ITAASTMKDE AIFSEIQTKL KSNNVMLDVK ATSDSQVLTT ITTEDLGVSG LKQIVSLPFP YQTAGKAELQ YLHDYAGISL GVGLTSKPLV NLSGVFGNKS VAVGADVAVD TSTGDFTKYD AGLTINNSDL AADLTLNNKG DSLTASYYHL VNKESGTAAG AELTHSFSTK ENTLSFGMQH ALDPLTTVKA RYNNHGMVSA LIQHEWRPKS FLTLSAEVDT KAIDKASKVG LSLVLKP
Specificity:	Oryza sativa subsp. japonica (Rice)
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:	VDAC4
Alternative Name:	Mitochondrial outer membrane protein porin 4 (VDAC4) (VDAC4 Products)
Background:	Recommended name: Mitochondrial outer membrane protein porin 4. Alternative name(s): Voltage-dependent anion-selective channel protein 4. Short name= OsVDAC4
UniProt:	Q0JJV1

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.