Datasheet for ABIN7591311

PDZK1 Protein (AA 1-523) (His tag)

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Overview

Quantity:	100 µg
Target:	PDZK1
Protein Characteristics:	AA 1-523
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDZK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASTFNPREC KLSKKEGQNY GFFLRIEKDT DGHLVRVIEE GSPAEKAGLL DGDRVLRING VFVDKEEHAQ VVDLVRKSGN SVTLLVLDGD SYEKAVKHQV DLKELDQSPR EPALNEKKPD LGMNGGVETC AQPRLCYLVK EGNSFGFSLK TIQGKKGVFL TDITPQGVAM KAGVLADDHL IEVNGENVEN ASHEEVVEKV TKSGSRIMFL LVDKETARCH SEQKTPFKRE TASLKLLPHQ PRVVVIKKGS NGYGFYLRAG PEQKGQIIKD IEPGSPAEAA GLKNNDLVVA VNGESVEALD HDGVVEMIRN GGDQTTLLVL DKEADRIYSL ARFSPLLYCQ SQELPNGSVK EAPAPISAPL EAPGSATTED VGDHKPKLCR LIKEDDSYGF HLNAIRGQPG SFVKEVQQGG PADKAGLENE DIIIEVNGEN VQDEPYDRVV ERIKSSGEHV TLLVCGKVAY SYFQAKKIPI LSSLADPLVA GPDAKGETEH DSAESTKDSS HPARDRTLSA ASHSSSNSED TVM
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:	PDZK1
Alternative Name:	Na (+)/H (+) exchange regulatory cofactor NHE-RF3 (Pdzk1) (PDZK1 Products)
Background:	Recommended name: Na(+)/H(+) exchange regulatory cofactor NHE-RF3. Short name= NHERF-3. Alternative name(s): C-terminal-linking and modulating protein Dietary Pi-regulated RNA-1 Diphor-1 Na(+)/H(+) exchanger regulatory factor 3 Na/Pi cotransporter C-terminal-associated protein 1. Short name= NaPi-Cap1 PDZ domain-containing protein 1 Sodium-hydrogen exchanger regulatory factor 3
UniProt:	Q9JJ40

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

Handling

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