Datasheet for ABIN7591284

ABI1 Protein (AA 2-476) (His tag)

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Overview

Quantity:	100 µg
Target:	ABI1
Protein Characteristics:	AA 2-476
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABI1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AELQMLLEE EIPSGKRALI ESYQNLTRVA DYCENNYIQA TDKRKALEET KAYTTQSLAS VAYQINALAN NVLQLLDIQA SQLRRMESSI NHISQTVDIH KEKVARREIG ILTTNKNTSR THKIIAPANM ERPVRYIRKP IDYTVLDDVG HGVKHGNNQP ARTGTLSRTN PPTQKPPSPP VSGRGTLGRN TPYKTLEPVK PPTVPNDYMT SPARLGSQHS PGRTASLNQR PRTHSGSSGG SGSRENSGSS SIGIPIAVPT PSPPTAGPAA PGAAPGSQYG TMTRQISRHN STTSSTSSGG YRRTPSVTAQ FSAQPHVNGG PLYSQNSISI APPPPPMPQL TPQIPLTGFV ARVQENIADS PTPPPPPPPD DIPMFDDSPP PPPPPPVDYE DEEAAVVQYS DPYADGDPAW APKNYIEKVV AIYDYTKDKD DELSFKEGAI IYVIKKNDDG WFEGVCNRVT GLFPGNYVES IMHYTD
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:	ABI1
Alternative Name:	Abl interactor 1 (Abi1) (ABI1 Products)
Background:	Recommended name: Abl interactor 1. Alternative name(s): Abelson interactor 1. Short name= Abi-1 Eps8 SH3 domain-binding protein. Short name= Eps8-binding protein e3B1
UniProt:	Q9QZM5
Pathways:	RTK Signaling, Response to Water Deprivation, ER-Nucleus Signaling

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.