Datasheet for ABIN7588042

AP1S1 Protein (AA 1-157) (His tag)

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Overview

Quantity:	100 µg
Target:	AP1S1
Protein Characteristics:	AA 1-157
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP1S1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRFMLLFSRQ GKLRLQKWYL ATSDKERKKM VRELMQVVLA RKPKMCSFLE WRDLKVVYKR YASLYFCCAI EGQDNELITL ELIHRYVELL DKYFGSVCEL DIIFNFEKAY FILDEFLMGG DVQDTSKKSV LKAIEQADLL QEEDESPRSV LEEMGLA
Specificity:	Bos taurus (Bovine)
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:	AP1S1
Alternative Name:	AP-1 complex subunit sigma-1A (AP1S1) (AP1S1 Products)

Target Details

Background:	Recommended name: AP-1 complex subunit sigma-1A. Alternative name(s): Adapter-related protein complex 1 sigma-1A subunit Adaptor protein complex AP-1 sigma-1A subunit Clathrin assembly protein complex 1 sigma-1A small chain Clathrin coat assembly protein AP19 Golgi adaptor HA1/AP1 adaptin sigma-1A subunit HA1 19 kDa subunit Sigma 1a subunit of AP-1 clathrin Sigma-adaptin 1A Sigma1A-adaptin
UniProt:	Q1JQ98

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.

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