Datasheet for ABIN7583472

AP2S1 Protein (AA 1-142) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	AP2S1
Protein Characteristics:	AA 1-142
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP2S1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MIRFILIQNR AGKTRLAKWY MQFDDDEKQK LIEEVHAVVT VRDAKHTNFV EFRNFKIIYR RYAGLYFCIC VDVNDNNLAY LEAIHNFVEV LNEYFHNVCE LDLVFNFYKV YTVVDEMFLA GEIRETSQTK VLKQLLMLQS LE
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.
Purity:	> 90 %

Target Details

Target:	AP2S1
Alternative Name:	AP-2 complex subunit sigma (Ap2s1) (AP2S1 Products)

Target Details

Background:	Recommended name: AP-2 complex subunit sigma. Alternative name(s): Adapter-related protein complex 2 sigma subunit Adaptor protein complex AP-2 subunit sigma Clathrin assembly protein 2 small chain Clathrin coat assembly protein AP17 Clathrin coat-associated protein AP17 Plasma membrane adaptor AP-2 17 kDa protein Sigma-adaptin 3b Sigma2-adaptin
UniProt:	P62744
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, EGFR Downregulation

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.