antibodies

# Datasheet for ABIN1630459 SMAP2 Protein (AA 1-428) (His tag)



Overview

Quantity:	1 mg
Target:	SMAP2
Protein Characteristics:	AA 1-428
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMAP2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MTGKSVRDVE RYQAVLGSLL SEEENKYCAD CQAKGPRWAS WNIGVFICIR CAGIHRNLGV
	HISRVKSVNL DQWTQEQIQC MQEMGNGKAN RLYEAFLPEN FRRPQTDQAV EGFIRDKYEK
	KKYMDRSIDI NTFRKEKDDK WKKSNEPVSE RKLEPIVFEK VKMPQKKEET QQSRKSSPKS
	TEPVIDLLGL DAPVPSTLTN GRPCSLEKDL DLFASVGLNS DSRKVSGSMP TSGSAGSVPE
	NLNLFPEPGG KGEEAGKKQL SKDSILSLYG SQTPQLPAQG AMFMAPAQMA YPAAAYTSFP
	GVPPSSSMMG GMMAPSVGVM AQHGAAGMVT PMAIPAGYVG NVQAAVIGVP NGMMAAQQAG
	YVAGMAAVPQ PVYGVQPAQQ LQWNITQMTQ QMAGMNFYGA NGVMGYGQSM GGGGAQGSNQ
	SLSTQLWK
Specificity:	Gallus gallus (Chicken)
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.

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#### Product Details

Purity:

> 90 %

## Target Details

Target:	SMAP2
Alternative Name:	Stromal membrane-associated protein 2 (SMAP2) (SMAP2 Products)
Background:	Recommended name: Stromal membrane-associated protein 2. Alternative name(s): Stromal membrane-associated protein 1-like
UniProt:	Q5F413

## 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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