antibodies

## Datasheet for ABIN1654848 ASAH1 Protein (AA 22-395) (His tag)



Overview	
Quantity:	1 mg
Target:	ASAH1
Protein Characteristics:	AA 22-395
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASAH1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	QHAPPWTED CRKSTYPPSG PTYRGPVPWY TINLDLPPYK RWHELMLDKA PMLKVIVNSL
	KNMINTFVPS GKIVQVVDEK LPGLLGNFPG PFEEEMKGIA AVTDIPLGEI ISFNIFYELF
	TICTSIVAED KKGHLIHGRN MDFGVFLGWN INNDTWVITE QLKPLTVNLD FQRNNKTVFK
	ASSFAGYVGM LTGFKPGLFS LSLNERFSIN GGYLGILEWI LGKKDAMWIG FLTRTVLENS
	TSYEEAKNLL TKTKILAPAY FILGGNQSGE GCVITRDRKE SLDVYELDAK QGRWYVVQTN
	YDRWKHPFFL DDRRTPAKMC LNRTSQENIS FETMYDVLST KPVLNKLTVY TTLIDVTKGQ
	FETYLRDCPD PCIGW
Specificity:	Pan troglodytes (Chimpanzee)
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 %

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## **Target Details**

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Target:	ASAH1
Alternative Name:	Acid ceramidase (ASAH1) (ASAH1 Products)
Background:	Recommended name: Acid ceramidase.
	Short name= AC.
	Short name= ACDase.
	Short name= Acid CDase.
	EC= 3.5.1.23.
	Alternative name(s): Acylsphingosine deacylase N-acylsphingosine amidohydrolase
UniProt:	A5A6P2
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

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.

C, for extended storage, conserve at -20 U01-80 U.

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