antibodies

Datasheet for ABIN1506053 ASAH1 Protein (AA 17-393) (His tag)



Overview	
Quantity:	1 mg
Target:	ASAH1
Protein Characteristics:	AA 17-393
Origin:	C. elegans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASAH1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	KHVE LPAPFKDHCI LDDKQNLYDP SKQFDIKWYD VNLDLPPSER WVQIATANKE HIADLIGVLINLITPWFPNA IDFVDDVFGD LAPKLAQPYR DEIFSIANAT GIPLGQITMY NIFYEIFTVCTSVIAQDKDG HVFHARNLDF GLFMGWDPVL HDWQISQKLR KMIINVNWLK DGKLLYKSNNFAGYIGIYNG LKPNAFSLTA DDRFQLVGGY YGILKWVFGL EADGKWMSWL ARETLETKTTYLDAKEHLMN TPMLSPVYFI LGGSKKDEGC IIARSLDKTA LLTEMATSPH GWYLLETNYDQGTEDLYLDD RDTPGFRCMD KLTQKNVGFE GIFNVLSSRT NLNKLTTYTV LMSVETSRFETILQSCPGEC YPW
Specificity:	Caenorhabditis elegans
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

Target:	ASAH1
Alternative Name:	Acid ceramidase (asah-1) (ASAH1 Products)
Background:	Recommended name: Acid ceramidase. EC= 3.5.1.23. Alternative name(s): Acylsphingosine amidohydrolase 1
UniProt:	045686

Application Details

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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