



Recombinant *Caenorhabditis elegans* Acid ceramidase (asah-1)

Product Code	CSB-EP002169CXY-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O45686
Product Type	Recombinant Protein
Immunogen Species	<i>Caenorhabditis elegans</i>
Purity	>85% (SDS-PAGE)
Sequence	KHVE LPAPFKDHCI LDDKQONLYDP SKQFDIKWYD VNLDLPPSER WVQIATANKE HIADLIGVLI NLITPWFNPA IDFVDDVFGD LAPKLAQPYP DEIFSIANAT GIPLGQITMY NIFYEIFTVC TSVIAQDKDG HVFHARNLDF GLFMGWDPVL HDWQISQKLR KMIINVNWLK DGKLLYKSNN FAGYIGIYNG LKPNAFSLTA DDRFQLVGGY YGILKWVFGLEADGKWMSWL ARETLETKTT YLDAKEHLMN TPMLSPVYFI LGGSKKDEGC IARS�DKTA LLEMATSPH GWYLLETNYD QGTEDLYLDD RDTPGFRCMD KLTQKNVGFE GIFNVLSRT NLNKLTTYTV LMSVETSRFE TILQSCPGECP YPW
Source	<i>E. coli</i>
Target Names	asah-1
Protein Names	Recommended name: Acid ceramidase EC= 3.5.1.23 Alternative name(s): Acylsphingosine amidohydrolase 1
Expression Region	17-393
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.