Recombinant Rat BAG family molecular chaperone regulator 1 (Bag1)

Product Code	CSB-YP002529RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B0K019
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MADRGGARRP RGDQEPLGPR LRAPRSARET RQSESRAERG LPPSQRSSVR SAASGHDRST RGAASGACKP RVKKKVRPRS SQSEKVAHSK ELTRSKKLTR SKKVTGTQEA TQVEEVTTIE EATQTEEITV AEEVTQTENM AQTEEMVQTE EMEPPTLSVV VTHSNERYDL LVTPQQGNSE PIVQDLAQLV EEATGVPLPF QKLIFKGKSL KEMETPLSAL GMQNGCRVML IGEKSNPEEE AELKKLKDLE VSVEKTANHL EELNKELSDI QQGFLAKELQ AEALCRLDRK IKATIEQFMK ILEEIDTMVL PENFKDSRLK RKNLVKKVQV FLAECDTVEQ YICQETERLQ STNLALPE
Source	Yeast
Target Names	Bag1
Protein Names	Recommended name: BAG family molecular chaperone regulator 1 Short name= BAG-1 Alternative name(s): Bcl-2-associated athanogene 1
Expression Region	1-358
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 protein
Target Details	The oncogene BCL2 is a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. This protein binds to BCL2 and is referred to as BCL2-associated athanogene. It enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. At least three protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) start site, and alternative, downstream, AUG translation initiation sites.
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.