Recombinant Human BAG family molecular chaperone regulator 4 (BAG4)

Product Code	CSB-YP002532HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95429
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSALRRSGYG PSDGPSYGRY YGPGGGDVPV HPPPPLYPLR PEPPQPPISW RVRGGGPAET TWLGEGGGGD GYYPSGGAWP EPGRAGGSHQ EQPPYPSYNS NYWNSTARSR APYPSTYPVR PELQGQSLNS YTNGAYGPTY PPGPGANTAS YSGAYYAPGY TQTSYSTEVP STYRSSGNSP TPVSRWIYPQ QDCQTEAPPL RGQVPGYPPS QNPGMTLPHY PYGDGNRSVP QSGPTVRPQE DAWASPGAYG MGGRYPWPSS APSAPPGNLY MTESTSPWPS SGSPQSPPSP PVQQPKDSSY PYSQSDQSMN RHNFPCSVHQ YESSGTVNND DSDLLDSQVQ YSAEPQLYGN ATSDHPNNQD QSSSLPEECV PSDESTPPSI KKIIHVLEKV QYLEQEVEEF VGKKTDKAYW LLEEMLTKEL LELDSVETGG QDSVRQARKE AVCKIQAILE KLEKKGL
Source	Yeast
Target Names	BAG4
Protein Names	Recommended name: BAG family molecular chaperone regulator 4 Short name= BAG-4 Alternative name(s): Bcl-2-associated athanogene 4 Silencer of death domains
Expression Region	1-457
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	This protein is a member of the BAG1-related protein family. BAG1 is an anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. This protein was found to be associated with the death domain of tumor necrosis factor receptor type 1 (TNF-R1) and death receptor-3 (DR3), and thereby negatively regulates downstream cell death signaling. The regulatory role of this protein in cell death was demonstrated in epithelial cells which

	undergo apoptosis while integrin mediated matrix contacts are lost.
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.