



# Recombinant Mouse BAG family molecular chaperone regulator 4 (Bag4)

<b>Product Code</b>	CSB-MP814550MO
<b>Abbreviation</b>	Bag4
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8CI61
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSALRRSGYG PSDGPSYGRY YGPGGGDVPV HVPPPLYPPL RPEPPQPPVS WRGRGGAPAE TTWPGEGAGG DGYYPSSGGAW AEASRAGGGH QEPPYPGYN SNYWNSVRPR APYPGSYSVR PELQQQLNS YANGAYGPPY PPGPGASTAS YSGAYYVPGY TQSNYSTEVP NTYRSPGNP TPMSRWMYSQ QDCPTEAPPL RGQVPGYPAS QNPGMTLPHY PYGDGNRAVP QSGGTGRPQD DAWASSAYGM GARYPWPSAA PSAPSAGSLY MTESASPWPG NSSPQPPSP PPQQPKDPSY SYNPSGQGLS RHSFPCSVHQ YESPGAVNND NSDLLDSQVQ YSAEPQLYGN ASSEHPSNQV PSNNLPEECF SSDEGTPPSI KKIIHVLEKV QFLEQVEEF VGKKTDKAYW LLEMLTKEL LELDSVETGG QDSVRQARKE AVCKIQAILE KLEKKGL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Bag4
<b>Protein Names</b>	Recommended name: BAG family molecular chaperone regulator 4 Short name= BAG-4 Alternative name(s): Bcl-2-associated athanogene 4 Silencer of death domains
<b>Expression Region</b>	1-457
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**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.

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**Shelf Life**

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