



Recombinant Bovine BAG family molecular chaperone regulator 5 (BAG5)

Product Code	CSB-MP648772BO
Abbreviation	BAG5
Storage	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.
Uniprot No.	Q2TA08
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	MEMGNQHPSI SRLQEIQKEV KSIEQQVLGF SGLSDDKNYK KLERILTKQL FEIDSVDTEG KGDIQQARKR AAQETERLLK ELEQNANHPH RLEIQNIFQE AQALVKEKVV PFYNGGNCVT DEFEEGIQDV ILRLTHVKTG GKVSLRKARY HTLTKICAVQ EIIENCMKKQ PSLPLSEDAH PSVAKINSVM CEVKNTRGTL IALLMGVNNK ETCRHLSCVL SGLMADLDAL DVCGHTEIRN YRKEVVEDIN QLLRYLDEE EADTTTHAFDL GQNHSILKIE KVLKRMREIK TELLQAQNPP ELYLSAKTEL QGLIGQLDEV SLEKNPCIRE ARRAVIEVQ TLITYIDLKE ALEKRKLLAC EEHPSHKAVW DVLGNLSEIQ GEVLSFDGNR TDKNYIRLEE LLTKQLLALD AVDPQGEEKC KAARKQAVKL AQNILSYLDL KSDEWEY
Source	Mammalian cell
Target Names	BAG5
Protein Names	Recommended name: BAG family molecular chaperone regulator 5 Short name= BAG-5 Alternative name(s): Bcl-2-associated athanogene 5
Expression Region	1-447
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. Three transcript variants encoding two different isoforms have been found for this gene.

**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.