Recombinant Mouse Bag1 protein, His-tagged

Cat. No. Bag1-102M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bag1(Gly174~Glu355) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly174~Glu355
Description	The oncogene Bcl2 encodes a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to Bcl2 protein 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 two protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) start site and an alternative, downstream, AUG translation initiation site.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	24.3kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Bag1 BCL2-associated athanogene 1 [Mus musculus]
Official Symbol	Bag1
Synonyms	BAG1; BCL2-associated athanogene 1; BAG family molecular chaperone regulator 1; Bcl-2-binding protein; bcl-2-associated athanogene 1; BAG-1; Rap46;
Gene ID	12017
mRNA Refseq	NM_001171739
Protein Refseq	NP_001165210
UniProt ID	Q60739
Chromosome Location	4; 4 A5

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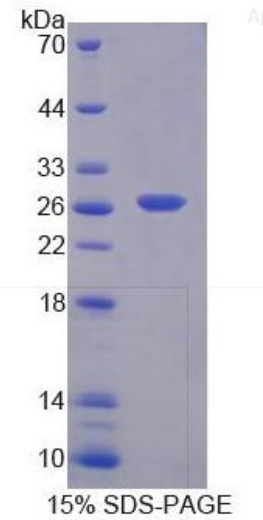
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	chaperone binding; phosphoprotein binding; protein binding;
	 15% SDS-PAGE

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