

Recombinant Mouse Bag6 Protein, His&GST-tagged

Cat. No. Bag6-294M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bag6 Protein (Met1-Ser213) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ser213
Description	Enables Hsp70 protein binding activity; polyubiquitin modification-dependent protein binding activity; and proteasome binding activity. Involved in several processes, including animal organ development; protein stabilization; and synaptonemal complex assembly. Acts upstream of or within negative regulation of apoptotic process. Located in cytosol and nucleus. Is expressed in palatal shelf epithelium. Human ortholog(s) of this gene implicated in lung non-small cell carcinoma and osteoarthritis. Orthologous to human BAG6 (BAG cochaperone 6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.8 kDa Accurate Molecular Mass: 52 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Bag6 BCL2-associated athanogene 6 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Bag6
Synonyms	Bag6; BCL2-associated athanogene 6; G3; Bat3; BAG-6; Scythe; AA408914; D17H6S52E; 2410045D21Rik; large proline-rich protein BAG6; BAG family molecular chaperone regulator 6; HLA-B-associated transcript 3; large proline-rich protein BAT3; protein Scythe
Gene ID	224727
mRNA Refseq	NM_057171
Protein Refseq	NP_476512
UniProt ID	Q9Z1R2

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