

Recombinant Human BCL2-Associated Athanogene

Cat. No. BAG1-2057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BAG1 was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. 25.9 kDa (230aa).
Species	Human
Source	E.coli
Description	BCL2-associated athanogene, also known as BAG1, is a member of the Bcl-2 family of proteins that play varied stimulatory or inhibitory roles in the regulation of programmed cell death. This functions in conjunction with Bcl-2 to inhibit apoptosis. Also, BAG1 has been implicated in age related neurodegenerative diseases as Alzheimer's. It is localized to the cytosol, nucleus or both.
Form	Liquid. In 20mM Tris-HCl buffer (pH7.5) containing 100mM NaCl, 10% glycerol.
Purity	> 90% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MNRSQEVTRD EESTRSEEV T REEMAAAGLT VTVTHSNEKH DLHVTSQQGS SEPVVQDLAQ VVEEVIGVPQ SFQKLIFKGK SLKEMETPLSALGIQDGCRV MLIGKKNSPQ EEVELKKLKH LEKSVEKIAD QLEELNKELT GIQQGFLPKD LQAEALCKLD RRVKATIEQF MKILEEIDTLILPENFKDSR LKRKGLVKKV QAFLAECDTV EQNICQETER LQSTNFALAE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

BAG1 BCL2-associated athanogene [Homo sapiens]

Synonyms

BAG1; BCL2-associated athanogene; RAP46; BAG-1; HAP; BCL2-associated athanogene 1; Bcl-2-associated athanogene 1; Glucocorticoid receptor-associated protein RAP46

Gene ID

573

mRNA Refseq

NM_004323

Protein Refseq

NP_004314

MIM

601497

UniProt ID

Q99933

**Chromosome
Location**

9p12

Function

protein binding; receptor signaling protein activity

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