Recombinant Human BAG2, His-tagged

Cat. No. BAG2-3406H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BAG2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	BCL2-associated athanogene 2, also known as BAG2, is a member of the Bag family of proteins. BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain. BAG2 is a major component of the HSC 70/CHIP chaperone-dependent ubiquitin ligase complex and acts to disrupt CHIP-mediated ubiquitylation.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl.
Molecular Weight	25.9 kDa (231aa) confirmed by MALDI-TOF.
Purity	> 95% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MAQAKINAKA NEGRFCRSSS MADRSSRLLE SLD QLELRVE ALREAATAVE QEKEILLEMI HSIQNSQDMRQISDGEREEL NLTA NRLM GR TLTVEVSVET IRNPQQQESL KHATRIIDEV VNKFLDDLGN AKSHLMSLYS ACS SEVPHGP VDQKFQSIVI GCALEDQKKI KRRLETLLRN IENSDKAIKL LEH SKG AG

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

	SK TLQQNAESRF N.
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.
Pathways	Protein processing in endoplasmic reticulum

GENE INFORMATION

Gene Name	BAG2 BCL2-associated athanogene 2 [Homo sapiens]
Synonyms	BCL2-associated athanogene 2; BAG-2; KIAA0576; MGC149462; dJ417I1.2; BAG2; BAG family molecular chaperone regulator 2; bcl-2-associated athanogene 2; BAG-family molecular chaperone regulator-2; dJ417I1.2 (BAG-family molecular chaperone regulator 2); Bcl-2-associated athanogene 2
Gene ID	9532
mRNA Refseq	NM_004282
Protein Refseq	NP_004273
MIM	603882
UniProt ID	O95816
Chromosome Location	6p12.1-p11.2
Function	protein binding

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