

## Recombinant Human BAG2, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human BAG2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl.
<b>Molecular Weight</b>	25.9 kDa (231aa) confirmed by MALDI-TOF.
<b>Purity</b>	> 95% by SDS - PAGE.
<b>Concentration</b>	1 mg/ml (determined by Bradford assay).
<b>Sequences Of Amino Acids</b>	MGSSHHHHHH SSGLVPRGSH MAQAKINAKA NEGRFCRSSS MADRSSRLLS SLD QLELRVE ALREAATAVE QEKEILLEMI HSIQNSQDMRQISDGEREEL NLTA NRLM GR TLTVEVSVET IRNPQQQESL KHATRIIDEV VNKFLDDLGN AKSHLMSLYS ACS SEVPHGP VDQKFQSIVI GCALEDQKKI KRRLETLLRN IENSDKAIKL LEH SKG AG

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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; dJ41711.2; BAG2; BAG family molecular chaperone regulator 2; bcl-2-associated athanogene 2; BAG-family molecular chaperone regulator-2; dJ41711.2 (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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