

# Recombinant Human BAG1

**Cat. No.** BAG1-27434TH **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Bag1 protein; 230 amino acids; predicted mwt: 26 kDa;
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	The oncogene BCL2 is 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 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. Multiple protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) initiation codon, and three alternative downstream AUG initiation codons. A related pseudogene has been defined on chromosome X.
<b>Tissue specificity</b>	Isoform 4 is the most abundantly expressed isoform. It is ubiquitously expressed throughout most tissues, except the liver, colon, breast and uterine myometrium. Isoform 1 is expressed in the ovary and testis. Isoform 4 is expressed in several types of tu
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 100mM Sodium

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	chloride, pH 7.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequence Similarities</b>	Contains 1 BAG domain.Contains 1 ubiquitin-like domain.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">BAG1 BCL2-associated athanogene [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">BAG1</a>
<b>Synonyms</b>	BAG1; BCL2-associated athanogene; BAG family molecular chaperone regulator 1;
<b>Gene ID</b>	<a href="#">573</a>
<b>mRNA Refseq</b>	<a href="#">NM_001172415</a>
<b>Protein Refseq</b>	<a href="#">NP_001165886</a>
<b>MIM</b>	<a href="#">601497</a>
<b>Uniprot ID</b>	<a href="#">Q99933</a>
<b>Chromosome Location</b>	9p12
<b>Pathway</b>	Androgen Receptor Signaling Pathway, organism-specific biosystem; Protein

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processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;

**Function**

chaperone binding; protein binding; receptor signaling protein activity;

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