

Recombinant Human BAG1

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

SPECIFICATION

Product Overview	Recombinant full length Human Bag1 protein; 230 amino acids; predicted mwt: 26 kDa;
Species	Human
Source	E.coli
Description	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.
Tissue specificity	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
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 100mM Sodium

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