

# Recombinant Full Length Human BAG1 Protein, GST-tagged

Cat. No. BAG1-1770HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BAG1 full-length ORF ( ENSP00000369026, 1 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	274 amino acids
<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. At least three protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) start site, and alternative, downstream, AUG translation initiation sites. [provided by RefSeq
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	57.5 kDa
<b>AA Sequence</b>	MKKKTRRRSTRSEELTRSEELTLSEEATWSEEATQSEEATQGEEMNRSQEVTRDE ESTRSEEVTREEMAAAGLTVTVTHSNEKHDLHVTSQQGSSEPVVQDLAQVVEEVIG VPQSFQKLIFKKGKSLKEMETPLSALGIQDGCRVMLIGKKNSPQEEVELKCLKHLEKSV EKIADQLEELNKELTGIQQGFLPKDLQAEALCKLDRRVKATIEQFMKILEEIDTLILPEN

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FKDSRLKRKGLVKKVQAFLAECDTVEQNICQETERLQSTNFALAE

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	BAG1 BCL2-associated athanogene [ Homo sapiens ]
<b>Official Symbol</b>	BAG1
<b>Synonyms</b>	BAG1; BCL2-associated athanogene; BAG family molecular chaperone regulator 1; BAG-1; Bcl-2-binding protein; receptor-associated protein, 46-KD; Bcl-2 associating athanogene-1 protein; glucocortoid receptor-associated protein RAP46; HAP; RAP46
<b>Gene ID</b>	573
<b>mRNA Refseq</b>	NM_001172415
<b>Protein Refseq</b>	NP_001165886
<b>MIM</b>	601497
<b>UniProt ID</b>	Q99933

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