

## Recombinant Human BAG5 protein, GST-tagged

**Cat. No.** BAG5-058H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human BAG5 full-length ORF ( AAH50551, 1 a.a. - 447 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. Three transcript variants encoding two different isoforms have been found for this gene. [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>	74.91 kDa
<b>AA Sequence</b>	MDMGNQHPSISRLQEIQKEVKSVEQQVIGFSGLSDDKNYKKLERILTKQLFEIDSVDT EGKGDIIQQARKRAAQETERLLKELEQANANHPHRIEIQNIFEEAQSLVREKIVPFYNGG NCVTDEFEEGIQDIILRLTHVKTGGKISLRKARYHTLTKIWAVQEIIEDCMKKQPSLPLS EDAHPSVAKINFVMCEVNKARGVLIALLMGVNNNETCRHLSCVLSGLIADLDALDVC GRTEIRNYRREVVEDINKLLKYLDLEEEADTTKAFDLRQNHSLKIEKVLKRMREIKNE

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LLQAQNPSELYLSSKTELQGLIGQLDEVSLKNPCIREARRRAVIEVQTLITYIDLKEAL  
 EKRKLFACEEHP SHKAVWNVLGNLSEIQGEVLSFDGNRTDKNYIRLEELLTKQLLAL  
 DAVDPQGEEKCKAARKQAVRLAQNILSYLDLKSDEWEY

<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.

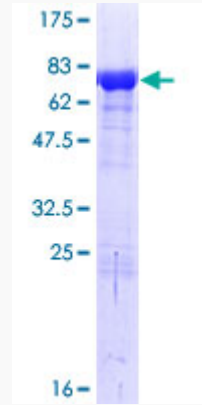
## GENE INFORMATION

<b>Gene Name</b>	BAG5 BCL2-associated athanogene 5 [ Homo sapiens ]
<b>Official Symbol</b>	BAG5
<b>Synonyms</b>	BAG5; BCL2-associated athanogene 5; BAG family molecular chaperone regulator 5; bcl-2-associated athanogene 5; BAG-family molecular chaperone regulator-5; BAG-5;
<b>Gene ID</b>	9529
<b>mRNA Refseq</b>	NM_001015048
<b>Protein Refseq</b>	NP_001015048
<b>MIM</b>	603885
<b>UniProt ID</b>	Q9UL15

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