Recombinant Human BAG5 protein, GST-tagged

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

SPECIFICATION

Product Overview	Human BAG5 full-length ORF (AAH50551, 1 a.a. - 447 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	74.91 kDa
AA Sequence	MDMGNQHPSISRLQEIQKEVKSVEQQVIGFSGLSDDKNYKKLERILTKQLFEIDSVDT EGKGDIQQARKRAAQETERLLKELEQNANHPHRIEIQNIFEEAQSLVREKIVPFYNGG NCVTDEFEEGIQDIILRLTHVKTGGKISLRKARYHTLTKIWAVQEIIEDCMKKQPSLPLS EDAHPSVAKINFVMCEVNKARGVLIALLMGVNNNETCRHLSCVLSGLIADLDALDVC GRTEIRNYRREVVEDINKLLKYLDLEEEADTTKAFDLRQNHSILKIEKVLKRMREIKNE

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

GENE INFORMATION

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

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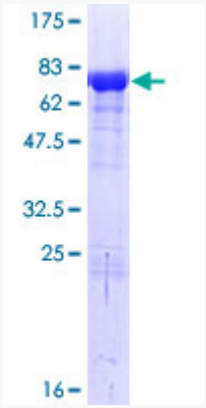

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