# Recombinant Human BAG5 protein, GST-tagged

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

## SPECIFICATION

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| **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 |

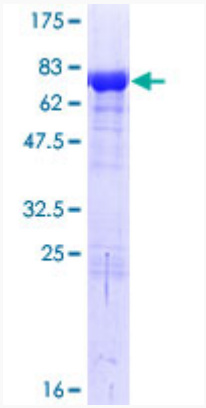
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|---|---|
| | LLQAQNPSELYLSSKTELQGLIGQLDEVSLEKNPCIREARRRAVIEVQTLITYIDLKEAL EKRKLFACEEHPSHKAVWNVLGNLSEIQGEVLSFDGNRTDKNYIRLEELLTKQLLAL DAVDPQGEEKCKAARKQAVRLAQNILSYLDLKSDEWEY |
| **Notes** | Best use within three months from the date of receipt of this 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

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| **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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