Recombinant Full Length Human BAG5 Protein, C-Flag-tagged

Cat. No. BAG5-967HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BAG5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51 kDa
AA Sequence	MDMGNQHPSISRLQEIQKEVKSVEQQVIGFSGLSDDKNYKKLERILTKQLFEIDSVDT EGKGDIQQARKR AAQETERLLKELEQNANHPHRIEIQNIFEEAQSLVREKIVPFYNG GNCVTDEFEEGIQDIILRLTHVKTG GKISLRKARYHTLTKIWAVQEIIEDCMKKQPSLP LSEDAHPSVAKINFVMCEVNKARGVLIALLMGVNNN ETCRHLSCVLSGLIADLDALD VCGRTEIRNYRREVVEDINKLLKYLDLEEEADTTKAFDLRQNHSILKIE KVLKRMREIK NELLQAQNPSELYLSSKTELQGLIGQLDEVSLEKNPCIREARRRAVIEVQTLITYIDLK

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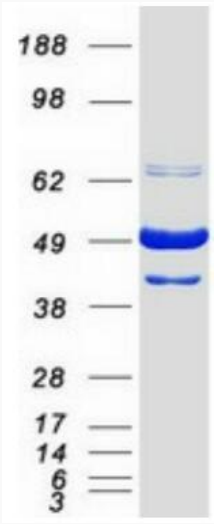
	E ALEKRKLFACEEHPSHKAVWNVLGNLSEIQGEVLSFDGNRTDKNYIRLEELLTKQL LALDAVDPQGEEKC KAARKQAVRLAQNILSYLDLKSDEWEYTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	BAG5 BAG cochaperone 5 [Homo sapiens (human)]
Official Symbol	BAG5
Synonyms	BAG-5; CMD2F
Gene ID	9529
mRNA Refseq	NM_004873.4

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Protein Refseq	NP_004864.1
MIM	603885
UniProt ID	Q9UL15



Coomassie blue staining of purified BAG5 protein.

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