

Recombinant Human BAG5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BAG5-4749H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BAG5 MS Standard C13 and N15-labeled recombinant protein (NP_001015048) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	56 kDa
AA Sequence	MRFHWLPTLSEPFDRNQELET CIRPLWTPSGSACETEHNKSMDMGNQHPSISRLQ EIQKEVKSV EQQVIGFSGLSDDKNYKKLERILTKQLFEIDSVDT EGKGDIQQARKRAA QETERLLKELEQNANHPHRIEIQNIFEEAQSLVREKIVPFYNGGNCVTDEFEEGIQDII LRLTHVKTGGKISLRKARYHTLT KICAVQEIIEDCMKKQPSLPLSEDAHPSVAKINFVM CEV NKARGVLIALLMGVNNNETCRHLS CVLSGLIADLDALDVCGRTEIRNYRREVVE DINKLLKYLDLEEEADTTKAFDLRQNH S ILKIEKVLKRMREIKNELLQAQNPSELYLSS

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KTELQGLIGQLDEVSLKNPCIREARRRAVIEVQTLITYIDLKEALEKRKLFACEEHPS
HKAVWNVLGNLSEIQGEVLSFDGNRTDKNYIRLEELLTKQLLALDAVDPQGEEKCKA
ARKQAVRLAQNILSYLDLKSDEWEYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name BAG5 BCL2-associated athanogene 5 [Homo sapiens (human)]

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

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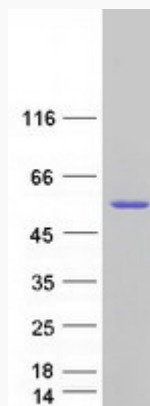
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UniProt ID

Q9UL15

SDS-PAGE

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