

## Product datasheet for PH308518

### BAG5 (NM\_004873) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	BAG5 MS Standard C13 and N15-labeled recombinant protein (NP_004864)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208518
Predicted MW:	51.3 kDa
Protein Sequence:	>RC208518 protein sequence Red=Cloning site Green=Tags(s)

MDMGNQHPSISRLQEIQKEVKSVEQQVIGFSGLSDDKNYKLERILTKQLFEIDSVDTEGKGDIIQQARKR  
AAQETERLLKELEQNANHPHRIEIQNIFEEAQLVREKIVPFYNGGNCVTDEFEEGIQDIILRLTHVKTG  
GKISLRKARYHTLTKIWAVQEIIEDCMKKQPSLPLSEDAHPSVAKINFMCEVKNKARGVLIALLMGVNNN  
ETCRHLSCVLSGLIADLDALDVCGRTEIRNYRREVVEDINKLLKYLDEEEADTTKAFDLRQNSILKIE  
KVLKRMREIKNELLQAQNPSEL YLSSKTELQGLIGQLDEVLSLEKNPCIREARRRAVIEVQTLITYIDLKE  
ALEKRRKLFACEEHPHSHKAVWNVLGNLSEIQGEVLSFDGNRTDKNYIRLEELLTKQLLALDAVDPQGEEK  
KAARKQAVRLAQNILSYLDLKSDEWEY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_004864</a></u>
RefSeq Size:	4886
RefSeq ORF:	1341
Synonyms:	BAG-5



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Locus ID: 9529

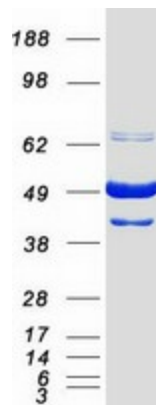
UniProt ID: [Q9UL15](#), [A0A024R6M6](#)

Cytogenetics: 14q32.33

**Summary:** 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, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified BAG5 protein (Cat# [TP308518]). The protein was produced from HEK293T cells transfected with BAG5 cDNA clone (Cat# [RC208518]) using MegaTran 2.0 (Cat# [TT210002]).