

## Product datasheet for PH312765

### BAG5 (NM\_001015048) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | BAG5 MS Standard C13 and N15-labeled recombinant protein (NP_001015048) |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC212765  |
| Predicted MW:                         | 56 kDa  |
| Protein Sequence:                     | >RC212765 protein sequence<br>Red=Cloning site Green=Tags(s)            |

MRFHWLPTLSEPFDRNQELETICIRPLWTPSGSACETEHNKSMMDMGNQHPISISRLQEIQKEVKSVEQQVIG  
FSGLSDDKNYKKLERILTKQLFEIDSVDTGKGDIQQARKRAAQETERLLKELEQANHPHRIEIQNIFE  
EAQSLVREKIVPFYNGGNCVTDEFEEGIQDIILRLTHVKTGGKISLRKARYHTLTKICAVQEIIEDCMKK  
QPSLPLSEDAHPSVAKINFVCMCEVNKARGVLIALLMGVNNNETCRHLSCVL SGLIADLDALDVCGRTEIR  
NYRREVVEDINKLLKYLDLEEEADTTKAFDLRQNHSILKIEKVLKRMREIKNELLQAQNPSELYLSSKTE  
LQGLIGQLDEVSLKNPCIREARRRAVIEVQTLITYIDLKEALEKRKLFACEEHP SHKAVWNVLGNLSEI  
QGEVLSFDGNRTDKNYIRLEELLTKQLLALDAVDPOGEEKCKAARKQAVRLAQNILSYLDLKSDEWEY

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>NP_001015048</u>  |
| RefSeq Size:     | 4866   |
| RefSeq ORF:      | 1467   |
| Synonyms:        | BAG-5  |



[View online »](#)

Locus ID: 9529

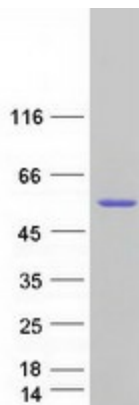
UniProt ID: [Q9UL15](#), [A0A024R6M6](#)

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# [TP312765]). The protein was produced from HEK293T cells transfected with BAG5 cDNA clone (Cat# [RC212765]) using MegaTran 2.0 (Cat# [TT210002]).