

## Product datasheet for **TP308518L**

### **BAG5 (NM\_004873) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human BCL2-associated athanogene 5 (BAG5), transcript variant 2, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC208518 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDMGNQHPSISRLQEIQKEVKSVEQQVIGFSGLSDDKNYKKLERILTKQLFEIDSVDTEGKGDIIQQARKR  
AAQETERLLKELEQNANHPHRIEQNIFEEAQSLVREKIVPFYNGGNCVTDEFEEGIQDIILRLTHVKTG  
GKISLRKARYHTLTKIWAVQEIIEDCMKKQPSLPLESDAHPSVAKINFMCEVNKARGVLIALLMGVNNN  
ETCRHLSCVLSGLIADLDALDVCGRTEIRNYRREVVEDINKLLKYLDLEEEADTTKAFDLRQNHSLKIE  
KVLKRMREIKNELLQAQNPELYLSSKTELQGLIGQLDEVSLKNPCIREARRRAVIEVQTLITYIDLKE  
ALEKRKLFACEEHPHSHKAVWNVLGNLSEIQGEVLSFDGNRTDKNYIRLEELLTKQLLALDAVDPQGEEK  
KAARKQAVRLAQNILSYLDLKSDEWEY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	51 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



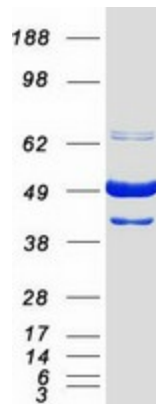
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RefSeq:	<a href="#">NP_004864</a>
Locus ID:	9529
UniProt ID:	<a href="#">Q9UL15</a> , <a href="#">A0A024R6M6</a>
RefSeq Size:	4886
Cytogenetics:	14q32.33
RefSeq ORF:	1341
Synonyms:	BAG-5

**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]).