

Product datasheet for TP302860

BAG3 (NM_004281) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Homo sapiens BCL2-associated athanogene 3 (BAG3), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC202860 representing NM_004281
Red=Cloning site Green=Tags(s)

MSAATHSPMMQVASNGDRDPLPPGWEIKIDPQTGWPFVDHNSRTTWTNDPRVPSEGPKETPSSAN
 GPS
 REGSRLPPAREGHPVYPQLRPGYIPIVLHEGAENRQVHPFHVYPQPGMQRFRTEAAAAAPQRSQSPLRG
 MPETTQPKQCGQVAAAAAQPASHGPERSQSPAASDCSSSSSSASLPSSGRSSLGSHQLPRGYISIPV
 IHEQNVTRPAAQPSFHQAQKTHYPAQQGEYQTHQPVYHKKIQGDDWEPRPLRAASPFSSVQGASSREGS
 P
 ARSSTPLHSPSPIRVHTVVDPRPQQPMTHRETAPVSQPENKPEKPGVGPPELPPGHIPIQVIRKEVDSKP
 VSQKPPPPSEKVEVKVPPAPVPCPPSPGPSAVPSSPKSVATEERAAPSTAPAEATPPKPGAEAPPKHP
 GVLKVEAILEKVQGLEQAVDNFEGKTKDKKYLMIIEEYLTKELLALDSVDPEGRADVRQARRDGVRKVQTI
 LEKLEQKAIDVPGQVQVYELQPSNLEADQLQAIMEMGAVAADKGGKNAGNAEDPHTTETQQPEATAAAT
 S
 NPSSMTDTPGNPAAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

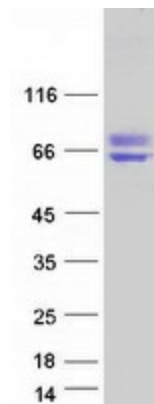
Tag: C-Myc/DDK
Predicted MW: 61.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004272
Locus ID:	9531
UniProt ID:	O95817
RefSeq Size:	2608
Cytogenetics:	10q26.11
RefSeq ORF:	1725
Synonyms:	BAG-3; BIS; CAIR-1; MFM6
Summary:	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified BAG3 protein (Cat# TP302860). The protein was produced from HEK293T cells transfected with BAG3 cDNA clone (Cat# [RC202860]) using MegaTran 2.0 (Cat# [TT210002]).