

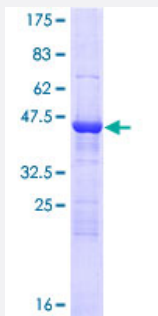
Full-Length

BAG2 (Human) Recombinant Protein (P01)

Catalog # H00009532-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BAG2 full-length ORF (NP_004273.1, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAQAKINAKANEGRFCRSSSMADRSSRLLES LDQLELRVEALREAATAVEQEKEILLEMHSIQNS QDMRQISDGEREELNLTANRLMGRSLTVEVSVETIRNPQQQESLKHATRIIDEVVNKFLDDLGN AK SHLMSLYSACSSEVPHGPVDQKFQSVIGCALEDQKKIKRRLETLLRNIENSDKAIKLEHSGAGS KTLQQNAESRFN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.2
Interspecies Antigen Sequence	Mouse (93); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BAG2

Entrez GeneID [9532](#)

GeneBank Accession# [NM_004282.2](#)

Protein Accession# [NP_004273.1](#)

Gene Name BAG2

Gene Alias BAG-2, KIAA0576, MGC149462, dJ41711.2

Gene Description BCL2-associated athanogene 2

Omim ID [603882](#)

Gene Ontology [Hyperlink](#)

Gene 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 predicted BAG2 protein contains 211 amino acids. 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]

Other Designations BAG-family molecular chaperone regulator-2|OTTHUMP00000016668|dJ41711.2 (BAG-family molecular chaperone regulator 2)