Recombinant Full Length Human BAG2 Protein, GST-tagged

Cat. No. BAG2-1772HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BAG2 full-length ORF (NP_004273.1, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	211 amino acids
Description	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
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	50.2 kDa
AA Sequence	MAQAKINAKANEGRFCRSSSMADRSSRLLESLDQLELRVEALREAATAVEQEKEILL EMIHSIQNSQDMRQISDGEREELNLTANRLMGRTLTVEVSVETIRNPQQQESLKHAT RIIDEVVNKFLDDLGNAKSHLMSLYSACSSEVPHGPVDQKFQSIVIGCALEDQKKIKR RLETLLRNIENSDKAIKLLEHSKGAGSKTLQQNAESRFN

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	BAG2 BCL2-associated athanogene 2 [Homo sapiens]
Official Symbol	BAG2
Synonyms	BAG2; BCL2-associated athanogene 2; BAG family molecular chaperone regulator 2; bcl-2-associated athanogene 2; BAG-family molecular chaperone regulator-2; dJ417I1.2 (BAG-family molecular chaperone regulator 2); BAG-2; dJ417I1.2; KIAA0576; MGC149462
Gene ID	9532
mRNA Refseq	NM_004282
Protein Refseq	NP_004273
MIM	603882
UniProt ID	O95816

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