

Product information

BAG2, 1-211 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0952

Full name: BCL2-associated athanogene 2

NCBI Accession No.: NP_004273

Synonyms: BAG-2

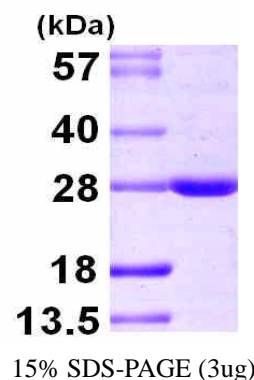
Description: BCL2-associated athanogene 2, also known as BAG2, is a member of the Bag family of proteins. BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain. BAG2 is a major component of the HSC 70/CHIP chaperone-dependent ubiquitin ligase complex and acts to disrupt CHIP-mediated ubiquitylation. Recombinant human BAG2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl

Molecular Weight: 25.9 kDa (231aa) confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MAQAKINAKA NEGRFCRSSS MADRSSRLLE SLDQLELRVE ALREAATAVE QEKEILLEMI HSIQNSQDMR
 QISDGEREEL NLTANRLMGR TLTVEVSVET IRNPQQESL KHATRIIDEV VNKFLDDLGN AKSHLMSLYS ACSSEVPHGP VDQKFGSIVI
 GCALEDQKKI KRRLETLLRN IENSDKAIKL LEHSGGAGSK TLQQNAESRF N

General references:

Takayama S., *et al.* (1999) *J Biol Chem.* 274:781-786.

Arndt V., *et al.* (2005) *CHIP Mol Biol Cell.* 16:5891-5900.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.