

Product information



BAG1, 1- 230 aa

Human, Recombinant, *E.coli*

Cat. No. IBATGP0508

Full name: BCL2-associated athanogene 1

NCBI Accession No.: NP_001165886

Synonyms: HAP, RAP46

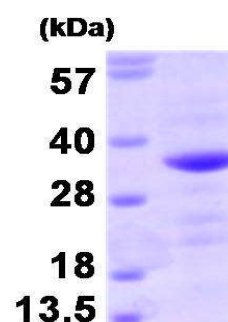
Description: BCL2-associated athanogene, also known as BAG1, is a member of the Bcl-2 family of proteins that play varied stimulatory or inhibitory roles in the regulation of programmed cell death. This functions in conjunction with Bcl-2 to inhibit apoptosis. Also, BAG1 has been implicated in age related neurodegenerative diseases as Alzheimer's. It is localized to the cytosol, nucleus or both. Recombinant human BAG1 was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH7.5) containing 100mM NaCl, 10% glycerol

Molecular Weight: 25.9 kDa (230aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MNRSQEVTRD EESTRSEEVV REEMAAAGLT VTVTHSNEKH DLHVTSSQQGS SEPVVQDLAQ VVEEVIGVPQ SFQKLIFK GK SLKEMETPLS
ALGIQDGCRV MLIGKKNPQ EEVELKCLKH LEKSVEKIAD QLEELNKELT GIQQGF LPKD LQAEALCKLD RRVKATIEQF MKILEEIDTL
ILPENFKDSR LKRKGLVKV QAFLAECDTV EQNICQETER LQSTNFALAE

General references:

Wang HG., *et al.* (1996) *Proc Natl Acad Sci U S A.* 93(14):7063-8.

Takayama S., *et al.* (1995) *Cell.* 80(2):279-84.

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.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

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Avoid repeated freezing and thawing cycles.

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