Recombinant human BAG2 protein

Catalog Number: ATGP0952

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-211aa

UniProt No.
O95816

NCBI Accession No.
NP_004273.1

Alternative Names
BCL2-associated athanogene 2, BAG-2

PRODUCT SPECIFICATION

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

Concentration
1mg/ml (determined by Bradford assay)

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

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

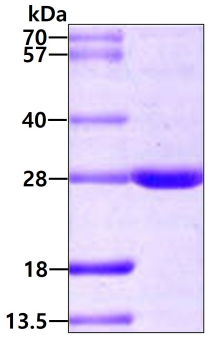
<MGSSHHHHHH SSGLVPRGSH> MAQAKINAKA NEGRFCRSSS MADRSSRLLE SLDQLELRVE ALREAATAVE QEKEILLEMI HSIQNSQDMR QISDGEREEL NLTANRLMGR TLTVEVSVET IRNPQQQESL KHATRIIDEV VNKFLDDLGN AKSHLMSLYS ACSSEVPHGP VDQKFQSIVI GCALEDQKKI KRRLETLLRN IENSDKAIKL LEHSKGAGSK TLQQNAESRF N

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.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.