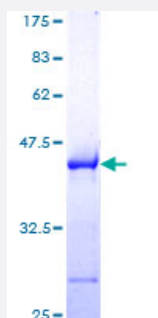


BAG1 (Human) Recombinant Protein (Q01)

Catalog # H00000573-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BAG1 partial ORF (NP_004314, 241 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EKIADQLEELNKELTGIQQGFLPKDLQAEALCKLDRRVKATIEQFMKILEEIDTLILPENFKDSRLKR KGLVKKVQAFLAECDTVEQNICQETERLQSTNFALAE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.29
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 — BAG1

Entrez GeneID [573](#)

GeneBank Accession# [NM_004323](#)

Protein Accession# [NP_004314](#)

Gene Name BAG1

Gene Alias RAP46

Gene Description BCL2-associated athanogene

Omim ID [601497](#)

Gene Ontology [Hyperlink](#)

Gene Summary The oncogene BCL2 is a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to BCL2 and is referred to as BCL2-associated athanogene. It enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. At least three protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) start site, and alternative, downstream, AUG translation initiation sites. [provided by RefSeq]

Other Designations BCL2-associated athanogene 1

Publication Reference

- [Co-chaperone potentiation of vitamin D receptor-mediated transactivation: a role for Bcl2-associated athanogene-1 as an intracellular-binding protein for 1,25-dihydroxyvitamin D3.](#)

Chun RF, Gacad M, Nguyen L, Hewison M, Adams JS.

Journal of Molecular Endocrinology 2007 Aug; 39(2):81.

Application: Func, Vitamin D metabolites

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Head and Neck Neoplasms](#)
- [Narcolepsy](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)