

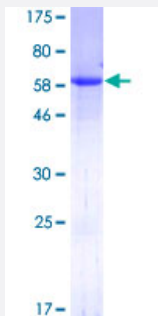
Full-Length

BAG1 (Human) Recombinant Protein (P01)

Catalog # H00000573-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human BAG1 full-length ORF (ENSP00000369026, 1 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKKKTRRRSTRSEELTRSEELTLSEEATWSEEATQSEEATQGEEMNRSQEVTRDEESTRSEEV
REEMAAAGLTVTVTHSNEKHDLHVTSSQQGSSEPVVQDLAQVVEEVIGVPQSFQKLIFKGKSLKE
METPLSALGIQDGCRVMLIGKKNSPQEEVELKKLKHLEKSVEKIADQLEELNKELTGIIQGGFLPKD
LQAEALCKLDRRVKATIEQFMKILEEIDTLILPENFKDSRLKRKGLVKKVQAFLAECDTVEQNICQE
TERLQSTNFALAE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.5

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# [ENST00000379704](#)

Protein Accession# [ENSP00000369026](#)

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

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Head and Neck Neoplasms](#)
- [Narcolepsy](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)