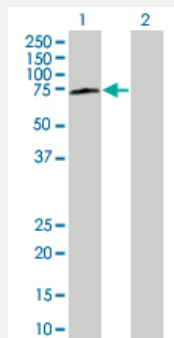


BAG4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009530-T01

Size 100 uL

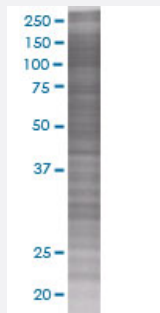
Applications



Western Blot

Lane 1: BAG4 transfected lysate (49.6 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

BAG4 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-BAG4 full-length
Host	Human
Theoretical MW (kDa)	50.38
Interspecies Antigen Sequence	Mouse (84); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-BAG4 antibody ([H00009530-B01](#)) by Western Blots.
Western Blot
Lane 1: BAG4 transfected lysate (49.6 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
BAG4 transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — BAG4

Entrez GeneID[9530](#)**GeneBank Accession#**[NM_004874](#)**Protein Accession#**[NP_004865](#)**Gene Name**

BAG4

Gene Alias

BAG-4, SODD

Gene Description

BCL2-associated athanogene 4

Omim ID[603884](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. This protein was found to be associated with the death domain of tumor necrosis factor receptor type 1 (TNF-R1) and death receptor-3 (DR3), and thereby negatively regulates downstream cell death signaling. The regulatory role of this protein in cell death was demonstrated in epithelial cells which undergo apoptosis while integrin mediated matrix contacts are lost. [provided by RefSeq]

Other Designations

BAG-family molecular chaperone regulator-4|silencer of death domains

Disease

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