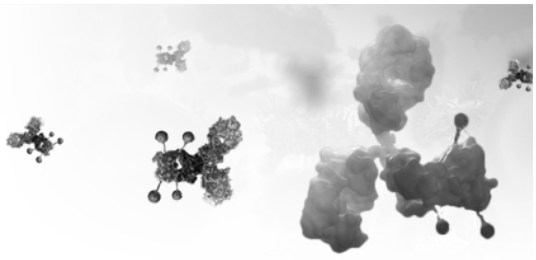

BAG4 blocking peptide (CDBP6167)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Mar 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	BAG4 BCL2-associated athanogene 4 [Homo sapiens (human)]
Official Symbol	BAG4

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Synonyms	BAG4; BCL2-associated athanogene 4; SODD; BAG-4; BAG family molecular chaperone regulator 4; silencer of death domains; bcl-2-associated athanogene 4; BAG-family molecular chaperone regulator-4
Entrez Gene ID	9530
mRNA Refseq	NM_001204878
Protein Refseq	NP_001191807
UniProt ID	O95429
Pathway	Ceramide signaling pathway; HIV-1 Nef: Negative effector of Fas and TNF-alpha; TNF receptor signaling pathway; TNF signaling pathway; TNF-alpha/NF-kB Signaling Pathway
Function	chaperone binding; poly(A) RNA binding; receptor signaling protein activity

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