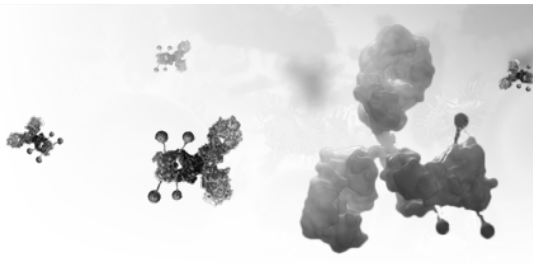

Human BAG3 peptide (DAG-P1401)

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

PRODUCT INFORMATION

Antigen Description	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 BAG domain.Contains 2 WW domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	BAG3 BCL2-associated athanogene 3 [Homo sapiens (human)]
Official Symbol	BAG3
Synonyms	BAG3; BCL2-associated athanogene 3; BIS; MFM6; BAG-3; CAIR-1; BAG family molecular chaperone regulator 3; docking protein CAIR-1; BCL2-binding athanogene 3; bcl-2-binding protein Bis;

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Entrez Gene ID	9531
mRNA Refseq	NM_004281.3
Protein Refseq	NP_004272.2
UniProt ID	O95817
Chromosome Location	10q25.2-q26.2
Pathway	Apoptosis Modulation and Signaling, organism-specific biosystem;
Function	chaperone binding; protein binding; protein complex binding;

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