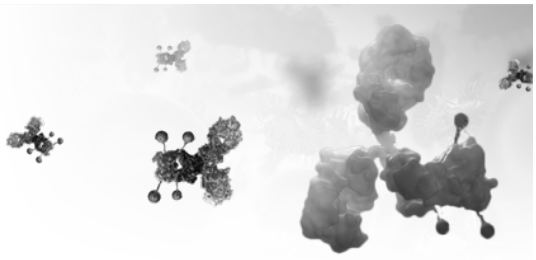

BCL2A1 blocking peptide (CDBP5185)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators that are involved in a wide variety of cellular activities such as embryonic development, homeostasis and tumorigenesis. The protein encoded by this gene is able to reduce the release of pro-apoptotic cytochrome c from mitochondria and block caspase activation. This gene is a direct transcription target of NF-kappa B in response to inflammatory mediators, and is up-regulated by different extracellular signals, such as granulocyte-macrophage colony-stimulating factor (GM-CSF), CD40, phorbol ester and inflammatory cytokine TNF and IL-1, which suggests a cytoprotective function that is essential for lymphocyte activation as well as cell survival. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
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	BCL2A1 BCL2-related protein A1 [Homo sapiens (human)]
Official Symbol	BCL2A1

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Synonyms	BCL2A1; BCL2-related protein A1; GRS; BFL1; ACC-1; ACC-2; HBPA1; BCL2L5; bcl-2-related protein A1; bcl2-L-5; protein BFL-1; bcl-2-like protein 5; hematopoietic BCL2-related protein A1; hemopoietic-specific early response protein
Entrez Gene ID	597
mRNA Refseq	NM_001114735
Protein Refseq	NP_001108207
UniProt ID	Q16548
Pathway	Apoptosis Modulation and Signaling; BCR signaling pathway; Direct p53 effectors; NF-kappa B signaling pathway; Transcriptional misregulation in cancer
Function	BH domain binding; protein binding; protein heterodimerization activity; protein homodimerization activity

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