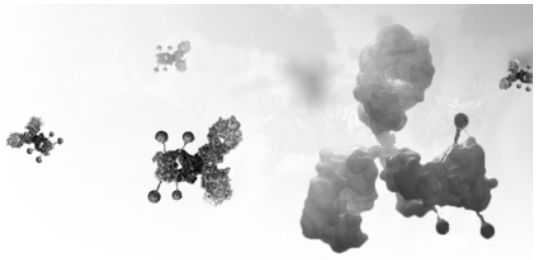

Human BCL2L11 blocking peptide (CDBP0598)

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

PRODUCT INFORMATION

Product Overview	Bim (N - term) peptide (human)
Antigen Description	The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The protein encoded by this gene contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family and to act as an apoptotic activator. The expression of this gene can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role of this gene in neuronal and lymphocyte apoptosis. Transgenic studies of the mouse counterpart suggested that this gene functions as an essential initiator of apoptosis in thymocyte-negative selection. Several alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq, Jun 2013]
Species	Human
Conjugate	Unconjugated
Applications	BL
Concentration	0.2 mg/ml
Size	50 µg
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Upon receipt - Keep as concentrated solution. Aliquot and store at -20℃ or below. Avoid freeze-thaw cycles.

GENE INFORMATION

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Gene Name	BCL2L11 BCL2-like 11 (apoptosis facilitator) [Homo sapiens (human)]
Official Symbol	BCL2L11
Synonyms	BCL2L11; BCL2-like 11 (apoptosis facilitator); BAM; BIM; BOD; bcl-2-like protein 11; bcl-2 interacting protein Bim; bcl-2-related ovarian death agonist; bcl-2 interacting mediator of cell death;
Entrez Gene ID	10018
mRNA Refseq	NM_001204106.1
Protein Refseq	NP_001191035.1
UniProt ID	O43521
Chromosome Location	2q13
Pathway	Activation of BH3-only proteins, organism-specific biosystem; Activation of BIM and translocation to mitochondria, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; BDNF signaling pathway, organism-specific biosystem; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members, organism-specifi
Function	contributes_to microtubule binding; microtubule binding; protein binding;

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