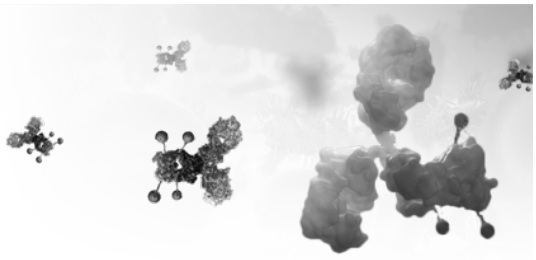

NLRC4 blocking peptide (CDBP5586)

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

PRODUCT INFORMATION

Antigen Description	In C. elegans, Ced4 binds and activates Ced3, an apoptotic initiator caspase, via caspase-associated recruitment domains (CARDs). Human Ced4 homologs include APAF1 (MIM 602233), NOD1/CARD4 (MIM 605980), and NOD2/CARD15 (MIM 605956). These proteins have at least 1 N-terminal CARD domain followed by a centrally located nucleotide-binding domain (NBD or NACHT) and a C-terminal regulatory domain, found only in mammals, that contains either WD40 repeats or leucine-rich repeats (LRRs). CARD12 is a member of the Ced4 family and can induce apoptosis.[supplied by OMIM, Mar 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	NLRC4 NLR family, CARD domain containing 4 [Homo sapiens (human)]
Official Symbol	NLRC4
Synonyms	NLRC4; NLR family, CARD domain containing 4; CLAN; IPAF; CLAN1; CLANA; CLANB; CLANC; CLAND; CARD12; CLR2.1; NLR family CARD domain-containing protein 4; NOD-like receptor C4; ICE-protease activating factor; ice protease-activating factor; CARD, LRR, and

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	NACHT-containing protein; caspase recruitment domain family, member 12; caspase recruitment domain-containing protein 12; nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 4
Entrez Gene ID	58484
mRNA Refseq	NM_001199138
Protein Refseq	NP_001186067
UniProt ID	Q9NPP4
Pathway	Direct p53 effectors; Immune System; Inflammasomes; Innate Immune System; Legionellosis; NOD pathway; NOD-like receptor signaling pathway; Nucleotide-binding domain
Function	ATP binding; identical protein binding; magnesium ion binding; protein binding; protein homodimerization activity

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