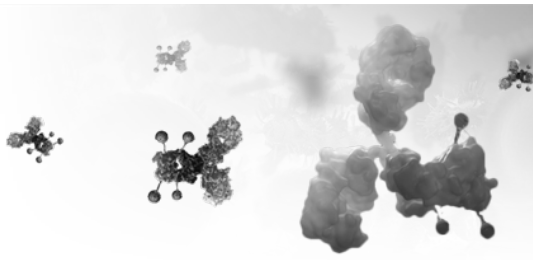

NLRP1 blocking peptide (CDBP5785)

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 Ced-4 family of apoptosis proteins. Ced-family members contain a caspase recruitment domain (CARD) and are known to be key mediators of programmed cell death. The encoded protein contains a distinct N-terminal pyrin-like motif, which is possibly involved in protein-protein interactions. This protein interacts strongly with caspase 2 and weakly with caspase 9. Overexpression of this gene was demonstrated to induce apoptosis in cells. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity of some variants has not been determined. [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	NLRP1 NLR family, pyrin domain containing 1 [Homo sapiens (human)]
Official Symbol	NLRP1
Synonyms	NLRP1; NLR family, pyrin domain containing 1; NAC; CARD7; CIDED; NALP1; SLEV1; DEFCAP; PP1044; VAMAS1; CLR17.1; DEFCAP-L/S; NACHT, LRR and PYD domains-

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	containing protein 1; caspase recruitment domain protein 7; NACHT, LRR and PYD containing protein 1; NACHT, leucine rich repeat and PYD containing 1; caspase recruitment domain-containing protein 7; nucleotide-binding domain and caspase recruitment domain; death effector filament-forming Ced-4-like apoptosis protein; NACHT, leucine rich repeat and PYD (pyrin domain) containing 1; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 1
Entrez Gene ID	22861
mRNA Refseq	NM_001033053
Protein Refseq	NP_001028225
UniProt ID	Q9C000
Pathway	Cellular roles of Anthrax toxin; Immune System; Inflammasomes; Innate Immune System; NOD pathway; NOD-like receptor signaling pathway; Nucleotide-binding domain; The NLRP1 inflammasome
Function	ATP binding; cysteine-type endopeptidase activator activity involved in apoptotic process; enzyme binding; protein binding; protein domain specific binding

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