



## NLRP8 blocking peptide (CDBP5796)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP8, have an N-terminal pyrin (MEFV; MIM 608107) domain (PYD), followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. The long NALP, NALP1 (MIM 606636), also has a C-terminal extension containing a function to find domain (FIIND) and a caspase recruitment domain (CARD). NALPs are implicated in the activation of proinflammatory caspases (e.g., CASP1; MIM 147678) via their involvement in multiprotein complexes called inflammasomes (Tschoop et al., 2003 [PubMed 12563287]).[supplied by OMIM, Mar 2008]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">NLRP8 NLR family, pyrin domain containing 8 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	NLRP8
<b>Synonyms</b>	NLRP8; NLR family, pyrin domain containing 8; PAN4; NALP8; NOD16; CLR19.2; NACHT, LRR and PYD domains-containing protein 8; PYRIN and NACHT-containing protein 4; NACHT,

LRR and PYD containing protein 8; NACHT, leucine rich repeat and PYD containing 8; nucleotide-binding oligomerization domain protein 16; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 8

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<b>Entrez Gene ID</b>	<a href="#">126205</a>
<b>mRNA Refseq</b>	<a href="#">NM_176811</a>
<b>Protein Refseq</b>	<a href="#">NP_789781</a>
<b>UniProt ID</b>	Q86W28
<b>Function</b>	ATP binding; molecular_function

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