



# CARD10 blocking peptide (CDBP5240)

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

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | The caspase recruitment domain (CARD) is a protein module that consists of 6 or 7 antiparallel alpha helices. It participates in apoptosis signaling through highly specific protein-protein homophilic interactions. Like several other CARD proteins, CARD10 belongs to the membrane-associated guanylate kinase (MAGUK) family and activates NF-kappa-B (NFKB; see MIM 164011) through BCL10 (MIM 603517) (Wang et al., 2001 [PubMed 11259443]).[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="#">CARD10 caspase recruitment domain family, member 10 [ Homo sapiens (human) ]</a>  |
| <b>Official Symbol</b> | CARD10  |
| <b>Synonyms</b>        | CARD10; caspase recruitment domain family, member 10; BIMP1; CARMA3; caspase recruitment domain-containing protein 10; carma 3; CARD-containing MAGUK 3 protein; CARD-containing MAGUK protein 3; Bcl10 binding protein and activator of NFKB |

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|-----------------------|---|
| <b>Entrez Gene ID</b> | <a href="#">29775</a>   |
| <b>mRNA Refseq</b>    | <a href="#">NM_014550</a>                                     |
| <b>Protein Refseq</b> | <a href="#">NP_055365</a>                                     |
| <b>UniProt ID</b>     | Q9BWT7  |
| <b>Function</b>       | protein binding; receptor signaling complex scaffold activity |