



## TLR10 blocking peptide (CDBP6287)

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

### PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from <i>Drosophila</i> to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is most highly expressed in lymphoid tissues such as spleen, lymph node, thymus, and tonsil. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. [provided by RefSeq, Aug 2010] |
| <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="#">TLR10 toll-like receptor 10 [ Homo sapiens (human) ]</a> |
| <b>Official Symbol</b> | TLR10  |
| <b>Synonyms</b>        | TLR10; toll-like receptor 10; CD290                                  |

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|-----------------------|---|
| <b>Entrez Gene ID</b> | <a href="#">81793</a>   |
| <b>mRNA Refseq</b>    | <a href="#">NM_001017388</a>  |
| <b>Protein Refseq</b> | <a href="#">NP_001017388</a>  |
| <b>UniProt ID</b>     | Q9BXR5  |
| <b>Pathway</b>        | Immune System; Innate Immune System; MyD88 cascade initiated on plasma membrane; Toll Like Receptor 10 (TLR10) Cascade; Toll Like Receptor 5 (TLR5) Cascade; Toll-Like Receptors Cascades |
| <b>Function</b>       | transmembrane signaling receptor activity   |

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