



TLR10 blocking peptide (CDBP6287)

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

PRODUCT INFORMATION

Antigen Description

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 *Drosophila* 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]

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	TLR10 toll-like receptor 10 [Homo sapiens (human)]
Official Symbol	TLR10
Synonyms	TLR10; toll-like receptor 10; CD290

Entrez Gene ID	81793
mRNA Refseq	NM_001017388
Protein Refseq	NP_001017388
UniProt ID	Q9BXR5
Pathway	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
Function	transmembrane signaling receptor activity