

Recombinant Human TLR4

Catalog No: #GP10085



Package Size: #GP10085-1 100ug

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Description

Product Name	Recombinant Human TLR4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 662-839 amino acids of human TLR4
Target Name	toll like receptor 4
Other Names	TOLL; CD284; TLR-4; ARMD10
Accession No.	Swissprot:O00206Gene Accession:BC117422
Uniprot	O00206
GeneID	7099;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 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 receptor has been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness. Multiple transcript variants encoding different isoforms have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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