

Recombinant Human TLR1

Catalog No: #GP10082



Package Size: #GP10082-1 100ug

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Description

Product Name	Recombinant Human TLR1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 611-786 amino acids of human toll-like receptor 1
Target Name	toll-like receptor 1
Other Names	TIL; CD281; rsc786; TIL. LPRS5
Accession No.	Swissprot:Q15399Gene Accession:BC109093
Uniprot	Q15399
GeneID	7096;
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 (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 ubiquitously expressed, and at higher levels than other TLR genes. Different length transcripts presumably resulting from use of alternative polyadenylation site, and/or from alternative splicing, have been noted 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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