

Recombinant Human TLR3

Catalog No: #GP10084



Package Size: #GP10084-1 100ug

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Description

Product Name	Recombinant Human TLR3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 726-904 amino acids of human toll-like receptor 3
Target Name	toll-like receptor 3
Other Names	CD283; IIAE2
Accession No.	Swissprot:O15455Gene Accession:BC096333
Uniprot	O15455
GeneID	7098;
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 receptor is most abundantly expressed in placenta and pancreas, and is restricted to the dendritic subpopulation of the leukocytes. It recognizes dsRNA associated with viral infection, and induces the activation of NF-kappaB and the production of type I interferons. It may thus play a role in host defense against viruses. Use of alternative polyadenylation sites to generate different length transcripts has 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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