

## TLR3 抗原（重组蛋白）

中文名称：TLR3 抗原（重组蛋白）

英文名称：TLR3 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别 抗原

概 述：

Fusion protein corresponding to a region derived from 726-904 amino acids of human TLR3

技术规格：

<b>Full name:</b>	toll-like receptor 3
<b>Synonyms:</b>	CD283; IIAE2
<b>Swissprot:</b>	O15455
<b>Gene Accession:</b>	BC096333
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</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 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.