

TLR4 抗原（重组蛋白）

中文名称：TLR4 抗原（重组蛋白）

英文名称：TLR4 Antigen (Recombinant Protein)

储 存：冷冻（-20℃）

相关类别：抗原

概 述：

Fusion protein corresponding to a region derived from 662-839 amino acids of human TLR4

技术规格：

Full name:	toll like receptor 4
Synonyms:	TOLL; CD284; TLR-4; ARMD10
Swissprot:	O00206
Gene Accession:	BC117422
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.