

TLR5 抗原（重组蛋白）

中文名称：TLR5 抗原（重组蛋白）

英文名称：TLR5 Antigen (Recombinant Protein)

别名：TIL3; SLEB1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 3-180 amino acids of human TLR5

技术规格：

Full name:	toll-like receptor 5
Synonyms:	TIL3; SLEB1
Swissprot:	O60602
Gene Accession:	BC109119
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the toll-like receptor (TLR) family, which plays a fundamental role in pathogen recognition and activation of innate immune responses. These receptors recognize distinct pathogen-associated molecular patterns that are expressed on infectious agents. The protein encoded by this gene recognizes bacterial flagellin, the principal component of bacterial flagella and a virulence factor. The activation of this receptor mobilizes the nuclear factor NF-kappaB, which in turn activates a host of inflammatory-related target genes. Mutations in this g

ene have been associated with both resistance and susceptibility to systemic lupus erythematosus, and susceptibility to Legionnaire disease.