

## 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：

<b>Full name:</b>	toll-like receptor 5
<b>Synonyms:</b>	TIL3; SLEB1
<b>Swissprot:</b>	O60602
<b>Gene Accession:</b>	BC109119
<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>	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 gene have been associated with both resistance and susceptibility to systemic lupus erythematosus, and susceptibility to Legionnaire disease.