

Recombinant Human TLR5

Catalog No: #GP11123



Package Size: #GP11123-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human TLR5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 3-180 amino acids of human toll-like receptor 5
Target Name	toll-like receptor 5
Other Names	TIL3; SLEB1
Accession No.	Swissprot:O60602Gene Accession:BC109119
Uniprot	O60602
GeneID	7100;
Storage	-20~-80°C, pH 7.6 PBS

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

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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