

# Recombinant Human TLR7

Catalog No: #GP10086



Package Size: #GP10086-1 100ug

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## Description

Product Name	Recombinant Human TLR7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 62-348 amino acids of human Toll-like receptor 7
Target Name	Toll-like receptor 7
Other Names	TLR7-like
Accession No.	Swissprot:Q9NYK1Gene Accession:BC033651
Uniprot	Q9NYK1
GeneID	51284;
Storage	-20~-80°C, pH 7.6 PBS

## 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 (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 gene is predominantly expressed in lung, placenta, and spleen, and lies in close proximity to another family member, TLR8, on chromosome X.

## 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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