

## Toll-like receptor 9

Catalog No: #AP78631

Package Size: #AP78631-1 50ug #AP78631-2 100ug #AP78631-3 1mg

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## Description

Product Name	Toll-like receptor 9
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	840-1032AA
Other Names	UNQ5798/PRO19605,CD289
Accession No.	Q9NR96Gene name:TLR9
Uniprot	Q9NR96
GeneID	54106;
Calculated MW	21.23
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR9 is a nucleotide-sensing TLR which is activated by unmethylated cytidine-phosphate-guanosine (CpG) dinucleotides. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Controls lymphocyte response to Helicobacter infection.

## References

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Note: This product is for in vitro research use only