

### Specifications:

Gene:	hTLR9
Accession:	NP_059138
Insert size:	3112bp
Concentration:	10µg at 0.2µg/µL

## hTLR9 cDNA Plasmid

**TLR9 toll-like receptor 9**  
[ *Homo sapiens* (human) ]

**Also known as:** CD289

### Summary:

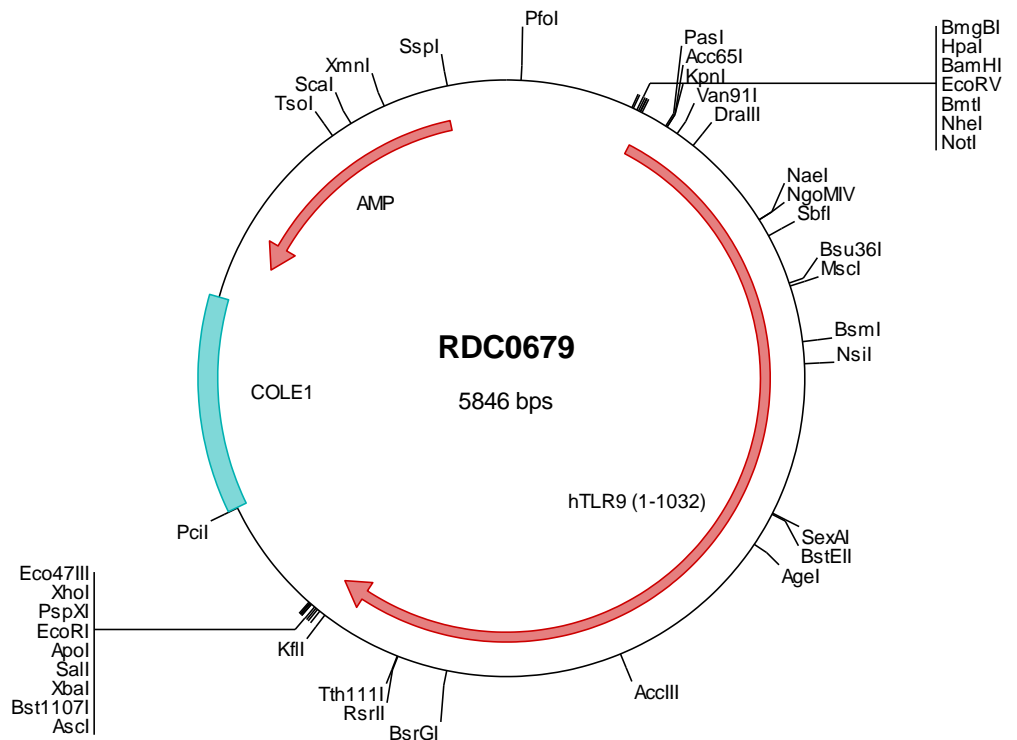
TLR9 is a member of the Toll-like receptor (TLR) family. TLRs play a role in pathogen recognition and the activation of innate immunity. TLR9 is preferentially expressed in immune cell rich tissues, such as spleen, lymph node, bone marrow and peripheral blood leukocytes. It mediates a cellular response to unmethylated CpG dinucleotides in bacterial DNA to mount an innate immune response.

### Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

### Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0679 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggta cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tctggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatagtcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301 taaggcagct ggcgaaagg ggaatgtctg caaggcgatt aagtgggta acgcccgggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcct ggaatccgata tctgtagcgc gggcgcacc atgggtttct ggcgcagcgc cttgcatcct ctgtctctcc tggtgacggc
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> RDC0679 Translated Insert Sequence

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301 aswfrglgnl rvldlslenfl ykcttktkaf qgltlqrkin lsfnyqkrvs fahlsapfsf gslvalkeld mhgiffrrld ettlrplarl pmlqtlrlgm
401 nfinqaqlgi frafpglryv dlsdnrisga seltatmgea dlslapavpdt gdlapavpdt pssedfrpnc stlnftldls rnnlvtvqpe mfaqlshlqc
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601 raldrfsgnal ghmwaeqldy lhffqglsgl iwdlslsqnr lhtllpqltrn lplslqvlr rdnlyaffkw wslhflpkle vldlagnglk altngslpag
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