

Specifications:

Gene:	cynoTLR5
Accession:	EHH50515.1
Insert size:	2590bp
Concentration:	10µg at 0.2µg/µL

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.

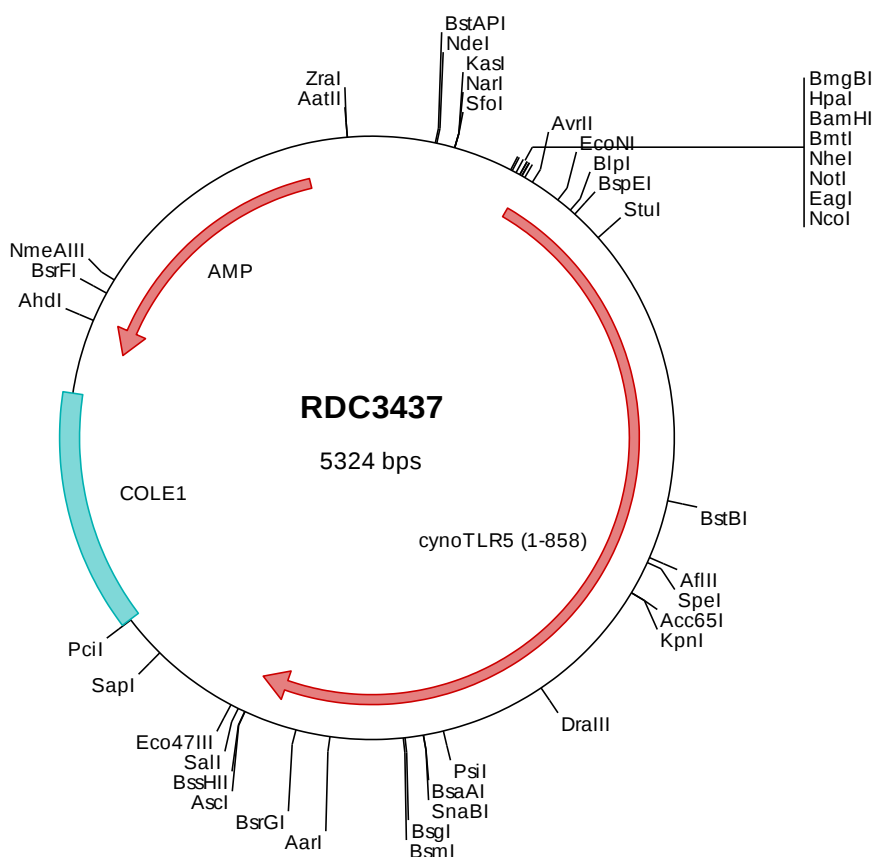
cynoTLR5 cDNA Plasmid

TLR5 toll like receptor 5

[*Macaca fascicularis* (crab-eating macaque)]

Summary:

Toll-like receptor 5 (TLR5) is a sensor for bacterial flagellin. The expression of TLR5 is dependent on PRAT4A and restricted to neutrophils, monocytes and specific DC subsets. TLR5 has been implicated in infectious diseases, colitis and metabolic syndromes.



> RDC3437 Plasmid DNA Sequence

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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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> RDC3437 Translated Insert Sequence

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201  fsllaannly rvsvdwkgcm npfrsmvlet ldvsngnwtv ditgnfsnai sksqtfslil ahhimgagfg fhnikdpdqn tfaglarssv rhldlshgfi
301  fslnsrvfet lqdlqvlula ynkinkivve afyglndlvq lnlsynllge lyssnfyglp kvayidlqkn higliqdtf kflenlqtlld lrdnalttih
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501  lsnlqvllyl nnylnslppg ifkhlalkg lnlsnrlvt fshndlpnl eildisgnql lapdpdvfvs lsvldithnk ficecalstf ihwlnhtnvt
601  iagppadihc vypdsllsgvs lfslsteacd eeevlkslkf slfivctvtl tflmltiliv tkfrgfcfic yktaqlrvfk yhpqgtedpt ykydaylcfs
701  skdfawvqna llkhltdqys dqnrfnlcf eedfvpgenh ianiqdaewn srkivclvsv hfirdgwcle afsyaggrcl sdlnsalimv vvgsllsqyql
801  mkhqsirgfv kqkqylrwp e dlqdvwfwfl klsqgilkke kekkkdsnip lrtvatis

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