

Specifications:

Gene:	hTLR2
Accession:	NP_003255
Insert size:	2368bp
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

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

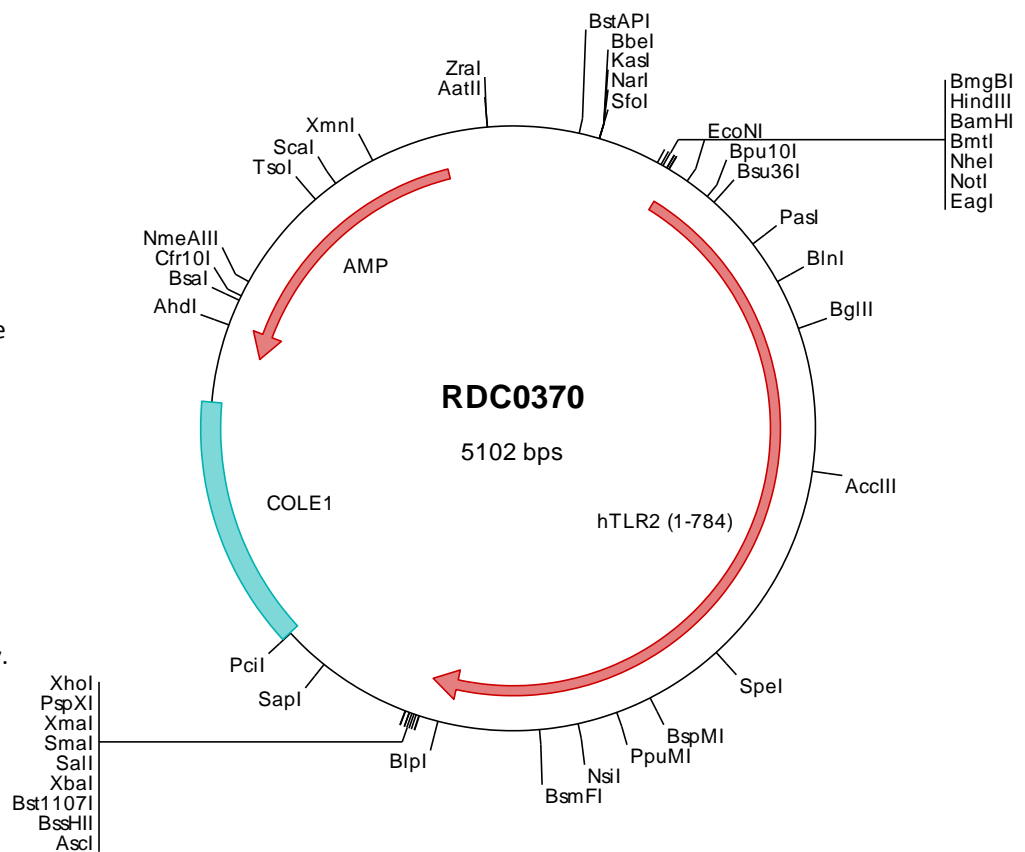
hTLR2 cDNA Plasmid

TLR2 toll-like receptor 2 [*Homo sapiens*]

Also known as: TIL4; CD282

Summary:

TLR2 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, including TLR2, exhibit different patterns of expression. TLR2 is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0370 Plasmid DNA Sequence

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> RDC0370 Translated Insert Sequence

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