*h*TLR6 VersaClone cDNA

Catalog Number: RDC0444

Specifications:

Gene:	*h*TLR6
Accession:	BAA78631
Insert size:	2404bp
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

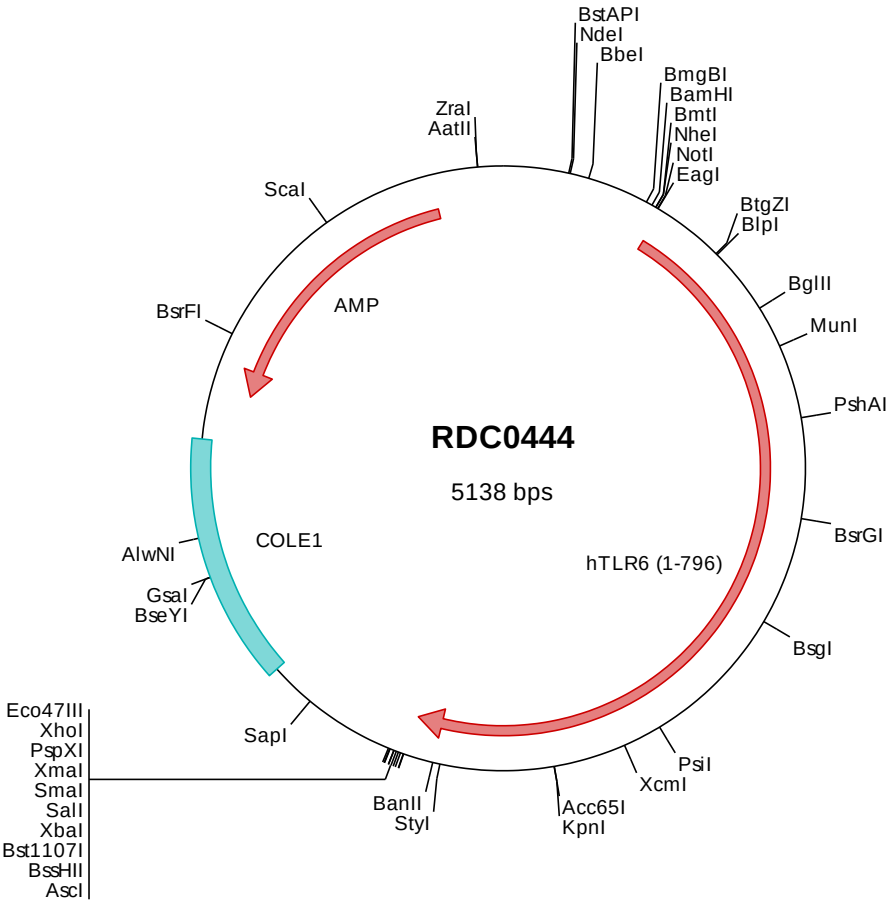
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*TLR6 cDNA Plasmid

TLR6 toll-like receptor 6
[*Homo sapiens* (human)]

Also known as: CD286

Summary:
TLR6 is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLR6 interacts with TLR2. Together they mediate a cellular response to bacterial lipoproteins, via MYD88 and TRAF6, which leads to NF-kappa-B activation, cytokine secretion and the inflammatory response.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0444 Plasmid DNA Sequence

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 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgaccaaag ataaagaacc tattgttaag agcttccatt ttgtttgcct
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 601  ccgctgaaaa ccaaagtctt agatatgtct cagaactaca tcgctgagct tcaggtctct gacatgagct ttctatcaga gttgacagtt ttgagacttt
 701  cccataacag aatccagcta cttgatttaa gtgttttcaa gttcaaccag gatttagaat atttggattt atctcataat cagttgcaaa agatatcctg
 801  ccatcctatt gtgagtttca ggcatttaga tctctcattc aatgatttca aggccctgcc catctgtaag gaatttggca acttatcaca actgaatttc
 901  ttgggattga gtgctatgaa gctgcaaaaa ttagatttgc tgccaattgc tcacttgcat ctaagttata tccttctgga tttaagaaat tattatataa
1001  aagaaaatga gacagaaagt ctacaaattc tgaatgcaaa aacccttcac cttgtttttc acccaactag tttattcgct atccaagtga acatatcagt
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2901  gcttggcgta atcatggtca tagctgtttc ctgtgtgaaa ttgttatccg ctcacaattc cacacaacat acgagccgga agcataaagt gtaaagcctg
3001  gggtgcctaa tgagtgagct aactcacatt aattgcgttg cgctcactgc ccgctttcca gtcgggaaac ctgtcgtgcc agctgcatta atgaatcggc
3101  caacgcgcgg ggagaggcgg tttgcgtatt gggcgctctt ccgcttcctc gctcactgac tcgctgcgct cggtcgttcg gctgcggcga gcggtatcag
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> RDC0444 Translated Insert Sequence

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