

Specifications:

Gene:	hTLR8
Accession:	NP_619542
Insert size:	3139bp
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.

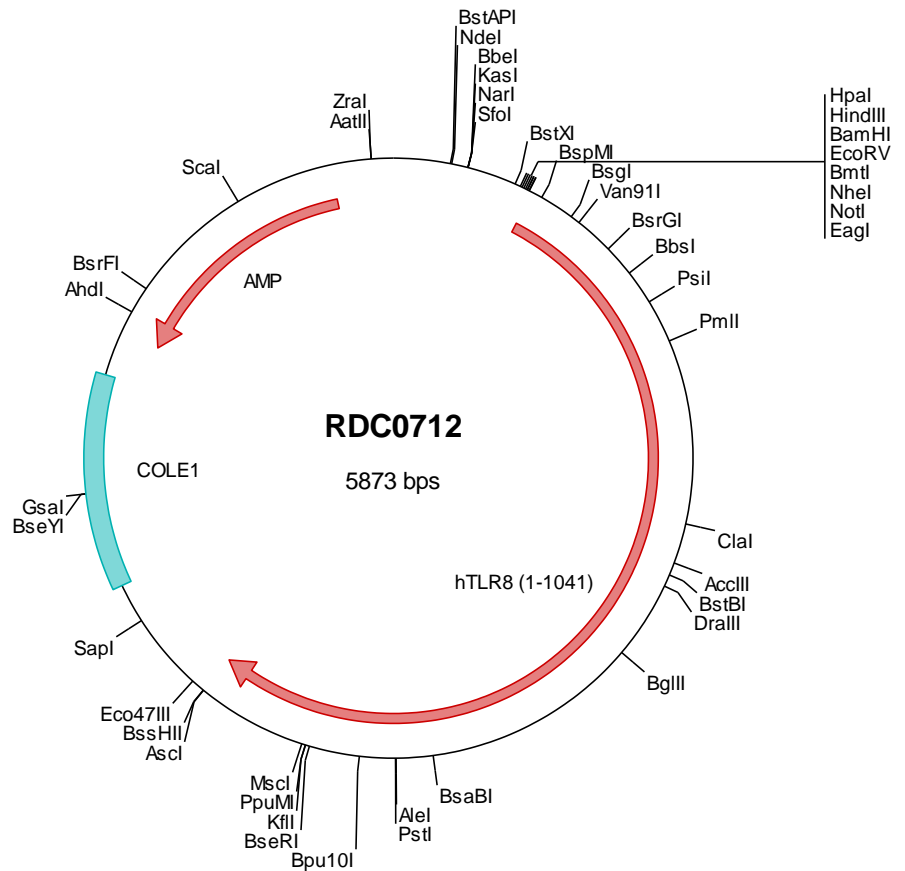
hTLR8 cDNA Plasmid

TLR8 toll-like receptor 8 [*Homo sapiens* (human)]

Also known as: CD288

Summary:

TLR8 is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. It is predominantly expressed in lung and peripheral blood leukocytes. TLR8 recognizes single-stranded RNA and acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0712 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatagtcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcccggc tcttcgctat
301 tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt ttcccgatc acgacgttgt aaaacgacgg ccagtgaatt
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601 aatcgtcgac tacaggaagt tccocaaacg gtgggcaaat atgtgacaga actagacctg totgataatt tcatcaaca catacgaat gaatcattc
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> RDC0712 Translated Insert Sequence

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201 tnlellslsf nslshvppkl psslrklfls ntqikyisee dfkglinlt ldlsgncprc fnapfpcvpc dggasinidr fafqnlqlr ylnlsstslr
301 kinaawfkxm phlklvldlef nylvgeiasg afltmlprle ildlsfnfyik gsypphlnis rnfskllslr alhlrgyvfq elreddfqpl mqlpnlistin
401 lginfikqid fklfqnfsl eiiylsenri splvkdtrqs yansssfqrh rnkrrstdfs fdphsnfyhf trplkpcqa aygkaldsl nsiffiqpnq
501 fenlpdiac lnsansnaqv lsgtfeisap hvkyldltnn rldfdnasal teldslevld lsynshyfri agvthhlefi qnftnlkvl nshnniytl
601 dkynlesksl velvfygnrl dilwnddnr yisifkglkn ltrldslnr lkhipseafl nlpasltelh indnmkffn wtllqqfprl elldlrgnkl
701 flftdlsdf fklrlltlls hnrlshlpsg flsevslkh ldlssnllk inksaletk tklslmlelh nnpfectcdi dayisrwdnd lnvkiprlvd
801 vicaspdqr gksivslelt tcvsdvtavi lffftffitt mvmlaalah lfwydvwfiy nvclakvkgy rslstsqtfy dayisytdk asvtdwvine
901 lryhleesrd knvlclleer dwpplaiid nlmqsinqsk ktvfvltkky akswnfktaf ylalqrlmde nmdviifill epvlqhsqyl rlrqricks
1001 ilqwpdpnka eglfwqtlrn vvltenndry nmyvdsikq y