

Product datasheet for RR212307L1

Tlr4 (NM_019178) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	Tlr4 (NM_019178) Rat Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	Tlr4
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212307).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	<i>Sgf i</i> ORF <i>Mlu i</i> [GCG ATC GC]C <mark>ATG // NNŇ</mark> [ACG CGT]
	Kozak Consensus
	EcoR I BamH I RBS Sgf I ORF CTATAGGGCGGGCGGGGAATTCGTCGACTGGATCCGGTACCGGAGGACTCGCCGCGGCGGGCAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGGCGGACTCGC C ATG
	Mlu I Not I <u>Xho I</u> Myc.Tag

GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA ACGGCCGGCC D L A A N D I L D Y K D D D K V Stop

* The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM_019178 2505 bp



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Servidence Tir4 (NM_019178) Rat Tagged Lenti ORF Clone – RR212307L1

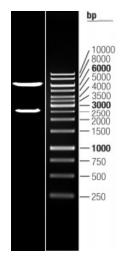
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression
Components:	varies depending on the nature of the gene. The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 019178.1, NP 062051.1</u>
RefSeq Size:	3373 bp
RefSeq ORF:	2508 bp
Locus ID:	29260
UniProt ID:	<u>Q9QX05</u>
Cytogenetics:	5q24
Gene Summary:	receptor that functions as the major upstream sensor for hemorrhagic shock and lipopolysaccharide [RGD, Feb 2006]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Product images:



Circular map for RR212307L1



Double digestion of RR212307L1 using Sgfl and Mlul

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US