

Product datasheet for **MR221957L3V**

Tlr13 (NM_205820) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tlr13 (NM_205820) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tlr13
Synonyms:	AI666735; Gm713
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_205820
ORF Size:	2976 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221957).
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_205820.1 , NP_991389.1
RefSeq Size:	4014 bp
RefSeq ORF:	2976 bp
Locus ID:	279572
UniProt ID:	Q6R5N8
Cytogenetics:	X D



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Gene Summary:

Component of innate and adaptive immunity that recognizes and binds 23S rRNA from bacteria. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Specifically binds the 5'-CGGAAAGACC-3' sequence on bacterial 23S rRNA, a sequence also bound by MLS group antibiotics (including erythromycin). May also recognize vesicular stomatitis virus; however, these data require additional evidences.[UniProtKB/Swiss-Prot Function]