

## Product datasheet for **MR227542L4V**

### Tlr3 (NM\_126166) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Tlr3 (NM_126166) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tlr3
Synonyms:	AI957183
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_126166
ORF Size:	2715 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227542).
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. <a href="#">More info</a>
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:	<a href="#">NM_126166.4</a>
RefSeq Size:	4327 bp
RefSeq ORF:	2718 bp
Locus ID:	142980
UniProt ID:	<a href="#">Q99MB1</a>
Cytogenetics:	8 B1.1



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**Gene Summary:**

Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR3 is a nucleotide-sensing TLR which is activated by double-stranded RNA, a sign of viral infection. Acts via the adapter TRIF/TICAM1, leading to NF-kappa-B activation, IRF3 nuclear translocation, cytokine secretion and the inflammatory response (By similarity). [UniProtKB/Swiss-Prot Function]