

Product datasheet for **MR225590L4V**

Tlr5 (NM_016928) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tlr5 (NM_016928) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tlr5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016928
ORF Size:	2619 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225590).
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_016928.2 , NP_058624.2
RefSeq Size:	3211 bp
RefSeq ORF:	2622 bp
Locus ID:	53791
UniProt ID:	Q9JLF7
Cytogenetics:	1 86.12 cM



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Gene Summary:

Pattern recognition receptor (PRR) located on the cell surface that participates in the activation of innate immunity and inflammatory response. Recognizes small molecular motifs named pathogen-associated molecular pattern (PAMPs) expressed by pathogens and microbe-associated molecular patterns (MAMPs) usually expressed by resident microbiota. Upon ligand binding such as bacterial flagellins, recruits intracellular adapter proteins MYD88 and TRIF leading to NF-kappa-B activation, cytokine secretion and induction of the inflammatory response. Plays thereby an important role in the relationship between the intestinal epithelium and enteric microbes and contributes to the gut microbiota composition throughout life.[UniProtKB/Swiss-Prot Function]