

Product datasheet for **MR225270L3V**

Tirap (NM_054096) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tirap (NM_054096) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tirap
Synonyms:	AA407980; C130027E04Rik; Mal; Tlr4ap; Wyatt
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_054096
ORF Size:	726 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225270).
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_054096.2 , NP_473437.2
RefSeq Size:	4741 bp
RefSeq ORF:	750 bp
Locus ID:	117149
UniProt ID:	Q99JY1
Cytogenetics:	9 A4



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Gene Summary:

Adapter involved in the TLR2 and TLR4 signaling pathways in the innate immune response. Acts via IRAK2 and TRAF-6, leading to the activation of NF-kappa-B, MAPK1, MAPK3 and JNK, and resulting in cytokine secretion and the inflammatory response (By similarity). Positively regulates the production of TNF-alpha and interleukin-6 (By similarity).[UniProtKB/Swiss-Prot Function]