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Product datasheet for RC207162L3V

TIRAP (NM_001039661) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TIRAP (NM_001039661) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TIRAP
Synonyms:	BACTS1; Mal; MyD88-2; wyatt
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001039661
ORF Size:	666 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC207162).`
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_001039661.1
RefSeq Size:	2348 bp
RefSeq ORF:	666 bp
Locus ID:	114609
UniProt ID:	P58753
Cytogenetics:	11q24.2
Protein Families:	Druggable Genome
Protein Pathways:	Toll-like receptor signaling pathway

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MW: 28 kDa

Gene Summary: The innate immune system recognizes microbial pathogens through Toll-like receptors (TLRs), which identify pathogen-associated molecular patterns. Different TLRs recognize different pathogen-associated molecular patterns and all TLRs have a Toll-interleukin 1 receptor (TIR) domain, which is responsible for signal transduction. The protein encoded by this gene is a TIR adaptor protein involved in the TLR4 signaling pathway of the immune system. It activates NF-kappa-B, MAPK1, MAPK3 and JNK, which then results in cytokine secretion and the inflammatory response. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008]