

## Product datasheet for **MR227513L3V**

### **Il1r1 (NM\_001123382) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Il1r1 (NM_001123382) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Il1r1
Synonyms:	CD121a; CD121b; IL-1R1; IL-iR; Il1r-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001123382
ORF Size:	1719 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227513).
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_001123382.1</a> , <a href="#">NP_001116854.1</a>
RefSeq Size:	4808 bp
RefSeq ORF:	1722 bp
Locus ID:	16177
Cytogenetics:	1 18.81 cM


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**Gene Summary:**

Receptor for IL1A, IL1B and IL1RN. After binding to interleukin-1 associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. Signaling involves the recruitment of adapter molecules such as TOLLIP, MYD88, and IRAK1 or IRAK2 via the respective TIR domains of the receptor/coreceptor subunits. Binds ligands with comparable affinity and binding of antagonist IL1RN prevents association with IL1RAP to form a signaling complex. Involved in IL1B-mediated costimulation of IFNG production from T-helper 1 (Th1) cells (By similarity).[UniProtKB/Swiss-Prot Function]