

Product datasheet for **MR205016L4V**

Il1r1 (NM_010743) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Il1r1 (NM_010743) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Il1r1
Synonyms:	DER4; Fit-1; Ly84; St2; St2-rs1; ST2L; T1; T1/ST2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010743
ORF Size:	1014 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205016).
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_010743.1
RefSeq Size:	3071 bp
RefSeq ORF:	1014 bp
Locus ID:	17082
UniProt ID:	P14719
Cytogenetics:	1 19.19 cM



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Gene Summary:

Receptor for interleukin-33 (IL-33); signaling requires association of the coreceptor IL1RAP (PubMed:18450470, PubMed:17675517). Its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8 (By similarity). Possibly involved in helper T-cell function.[UniProtKB/Swiss-Prot Function]