

Product datasheet for **MR220951L4V**

II1r2 (NM_010555) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	II1r2 (NM_010555) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	II1r2
Synonyms:	CD121b; II1r-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010555
ORF Size:	1230 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220951).
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_010555.4
RefSeq Size:	1360 bp
RefSeq ORF:	1233 bp
Locus ID:	16178
UniProt ID:	P27931
Cytogenetics:	1 18.65 cM



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Gene Summary:

Non-signaling receptor for IL1A, IL1B and IL1RN. Reduces IL1B activities. Serves as a decoy receptor by competitive binding to IL1B and preventing its binding to IL1R1. Also modulates cellular response through non-signaling association with IL1RAP after binding to IL1B. IL1R2 (membrane and secreted forms) preferentially binds IL1B and poorly IL1A and IL1RN. The secreted IL1R2 recruits secreted IL1RAP with high affinity; this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/soluble receptors (By similarity). [UniProtKB/Swiss-Prot Function]