

Product datasheet for **MR205177L4V**

Cd2 (NM_013486) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cd2 (NM_013486) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cd2
Synonyms:	LFA-2; Ly-37; Ly37
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013486
ORF Size:	1032 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205177).
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_013486.2 , NP_038514.1
RefSeq Size:	1144 bp
RefSeq ORF:	1035 bp
Locus ID:	12481
UniProt ID:	P08920
Cytogenetics:	3 44.17 cM



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Gene Summary:

CD2 interacts with lymphocyte function-associated antigen CD58 (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.[UniProtKB/Swiss-Prot Function]