

Product datasheet for **MR204151L4V**

Cd1d2 (BC057149) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Cd1d2
Synonyms:	CD1.2; Cd1b; Ly-38
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC057149
ORF Size:	894 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR204151).

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:	BC057149 , AAH57149
RefSeq Size:	1145 bp
RefSeq ORF:	896 bp
Locus ID:	12480
Cytogenetics:	3 37.88 cM



Gene Summary:

This gene encodes a MHC class I-like molecule involved in the presentation of lipid antigens to T cells, and is involved in the activation of Natural Killer T (NKT) cells. The gene is highly similar to the CD1d1 antigen gene, which is located adjacent to this gene in a tail-to-tail fashion. This gene contains a frameshift and does not produce a functional product in the C57BL/6 strain. Alternatively splice transcript variants encoding different isoforms have been found in non-C57BL/6 strains. [provided by RefSeq, Jan 2014]