

Product datasheet for **MR224901L4V**

Cd300a (NM_170758) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cd300a (NM_170758) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cd300a
Synonyms:	B230315M08Rik; Clm8; LMIR1; MAIR-I; MAIR-Ia; mcpir1; MMAC8; Pigr4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_170758
ORF Size:	954 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224901).
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_170758.3
RefSeq Size:	4642 bp
RefSeq ORF:	957 bp
Locus ID:	217303
UniProt ID:	Q6SJQ0
Cytogenetics:	11 80.54 cM



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Gene Summary:

Inhibitory receptor which may contribute to the down-regulation of cytolytic activity in natural killer (NK) cells, and to the down-regulation of mast cell degranulation (PubMed:12874256, PubMed:12893283, PubMed:16339535). Negatively regulates the Toll-like receptor (TLR) signaling mediated by MYD88 but not TRIF through activation of PTPN6 (By similarity). [UniProtKB/Swiss-Prot Function]