

## Product datasheet for **MR200107L4V**

### **Cd24a (NM\_009846) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cd24a (NM_009846) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cd24a
Synonyms:	Cd24; HSA; Ly-52; nectadrin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009846
ORF Size:	231 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200107).
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. <a href="#">More info</a>
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:	<a href="#">NM_009846.2</a> , <a href="#">NP_033976.1</a>
RefSeq Size:	1825 bp
RefSeq ORF:	231 bp
Locus ID:	12484
UniProt ID:	<a href="#">P24807</a>
Cytogenetics:	10 23.01 cM



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**Gene Summary:**

May have a pivotal role in cell differentiation of different cell types. May have a specific role in early thymocyte development. Signaling could be triggered by the binding of a lectin-like ligand to the CD24 carbohydrates, and transduced by the release of second messengers derived from the GPI-anchor. Modulates B-cell activation responses (By similarity). In association with SIGLEC10 may be involved in the selective suppression of the immune response to danger-associated molecular patterns (DAMPs) such as HMGB1, HSP70 and HSP90 (PubMed:19264983). Plays a role in the control of autoimmunity (PubMed:20200274). [UniProtKB/Swiss-Prot Function]