

Product datasheet for **MR202248L4V**

Clec4n (NM_020001) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Clec4n (NM_020001) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Clec4n
Synonyms:	Clec6a; Clec5f10; Nkcl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020001
ORF Size:	630 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202248).
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_020001.1
RefSeq Size:	1245 bp
RefSeq ORF:	630 bp
Locus ID:	56620
UniProt ID:	Q9JKF4
Cytogenetics:	6 58.3 cM


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Gene Summary:

Binds high-mannose carbohydrates in a Ca^{2+} -dependent manner. Functional receptor for alpha-mannans on *C.albicans* hyphae. Plays an important role in the host defense against *C.albicans* infection by inducing TH17 cell differentiation. Recognizes also, in a mannose-dependent manner, allergens from house dust mite and fungi, by promoting cysteinyl leukotriene production. Recognizes soluble elements from the eggs of *Shistosoma mansoni* altering adaptive immune responses. Transduces signals through an Fc receptor gamma chain /FCER1G and Syk-CARD9-NF-kappa-B-dependent pathway.[UniProtKB/Swiss-Prot Function]