

Product datasheet for **MR220185L4V**

Colec11 (NM_027866) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Colec11 (NM_027866) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Colec11
Synonyms:	CL-K1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027866
ORF Size:	816 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220185).
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_027866.1 , NP_082142.1
RefSeq Size:	1383 bp
RefSeq ORF:	819 bp
Locus ID:	71693
UniProt ID:	Q3SXB8
Cytogenetics:	12 A2



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Gene Summary:

This gene encodes a member of the collectin family of C-type lectins that possess collagen-like sequences and carbohydrate recognition domains. Collectins are secreted proteins that play important roles in the innate immune system by binding to carbohydrate antigens on microorganisms, facilitating their recognition and removal. The encoded protein binds to multiple sugars with a preference for fucose and mannose. Mutations in the human gene are a cause of 3MC syndrome-2. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]