

Product datasheet for MR216958L4

Cd302 (NM_025422) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids							
Product Name:	Cd302 (NM_025422) Mouse Tagged Lenti ORF Clone							
Tag:	mGFP							
Symbol:	Cd302							
Synonyms:	1110055L24Rik; Al159627							
Mammalian Cell Selection:	Puromycin							
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)							
E. coli Selection:	Chloramphenicol (34 ug/mL)							
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216958).							
Restriction Sites:	SgfI-RsrII							
Cloning Scheme:								
	Cloning sites used for ORF Shuttling:							
	Sgf1 ORF Rsr II GCG ATC GC ATG // NNN AG[C GGA CCG]							

	EcoR	-		Bam			RE	-				nsus gf I	-		c	RF
CTATAGGGCGGCCGG	GAATT	CGTC	GACT	GGAT	CCGG	STACC	GAG	GAGA	тстб	CCGC	CGCG	ATCG		rg -	 	•••
	Rs	Rsr II		Miu I		Not I		_Xho I		mGFP Ta			Tag			
NNŇ AG	GC GGA	CCG P	ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G		 	
GGA CTC AG G L R		тGG	GTA	GGA	AGC											
* The last codon befo	re the S	topc	odon	ofth	ORE											

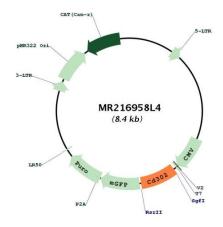
ACCN: ORF Size: NM_025422 657 bp



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

ORIGENE Cd302	(NM_025422) Mouse Tagged Lenti ORF Clone – MR216958L4
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 025422.3, NP 079698.2</u>
RefSeq Size:	1257 bp
RefSeq ORF:	660 bp
Locus ID:	66205
UniProt ID:	Q9DCG2
Cytogenetics:	2 C1.1
Gene Summary:	Potential multifunctional C-type lectin receptor that may play roles in endocytosis and phagocytosis as well as in cell adhesion and migration.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216958L4

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US