Product datasheet for MR220400L1V

Adgrg6 (NM_001002268) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adgrg6 (NM_001002268) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adgrg6
Synonyms:	1190004A11Rik; AI449247; AW045736; DREG; Gm222; Gpr126
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001002268
ORF Size:	3498 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220400).
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_001002268.3, NP_001002268.1
RefSeq Size:	6505 bp
RefSeq ORF:	3498 bp
Locus ID:	215798
UniProt ID:	Q6F3F9
Cytogenetics:	10 A2

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Gene Summary: G-protein coupled receptor which is activated by type IV collagen, a major constituent of the basement membrane. Essential for normal differentiation of promyelinating Schwann cells and for normal myelination of axons these functions are mediated via G-protein-signaling pathways (PubMed:24227709, PubMed:21613327). Regulates also neural, cardiac and ear development via G-protein- and/or N-terminus-dependent signaling. May act as a receptor for PRNP which may promote myelin homeostasis (PubMed:27501152).[UniProtKB/Swiss-Prot Function]