Product datasheet for MR204187L4V

F11r (NM_172647) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	F11r (NM_172647) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	F11r
Synonyms:	9130004G24; AA638916; ESTM33; JAM; JAM-1; JAM-A; Jcam; Jcam1; Ly106
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172647
ORF Size:	903 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204187).
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_172647.2, NP_766235.1
RefSeq Size:	2482 bp
RefSeq ORF:	903 bp
Locus ID:	16456
UniProt ID:	O88792
Cytogenetics:	1 79.43 cM

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Gene Summary: Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3 (PubMed:11447115). The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly (PubMed:11447115). Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier (PubMed:9660867). Ligand for integrin alpha-L/beta-2 involved in memory T-cell and neutrophil transmigration (By similarity). Involved in platelet activation (By similarity).[UniProtKB/Swiss-Prot Function]