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Product datasheet for MR207254L3V

Prune (Prune1) (NM_173347) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Prune (Prune1) (NM_173347) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Prune1
Synonyms:	9230112O05Rik; C130058A12; DRES-17; HTCD37; Prune-M1; PRUNEM1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_173347
ORF Size:	1365 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR207254).`
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_173347.2, NP_775482.1
RefSeq Size:	3160 bp
RefSeq ORF:	1365 bp
Locus ID:	229589
UniProt ID:	Q8BIW1
Cytogenetics:	3 F2.1

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Gene Summary: Phosphodiesterase (PDE) that has higher activity toward cAMP than cGMP, as substrate. Plays a role in cell proliferation, migration and differentiation, and acts as a negative regulator of NME1. Plays a role in the regulation of neurogenesis. Involved in the regulation of microtubule polymerization.[UniProtKB/Swiss-Prot Function]