

Product datasheet for MR207254L3V

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

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:

9230112O05Rik; C130058A12; DRES-17; HTCD37; Prune-M1; PRUNEM1 Synonyms:

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK NM 173347 ACCN:

ORF Size: 1365 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(MR207254).

OTI Disclaimer:

Sequence:

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

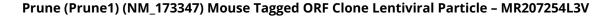
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

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







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]