

Product datasheet for **MR214081L4V**

Dusp28 (NM_175118) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Dusp28
Synonyms:	0710001B24Rik; AV005521
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175118
ORF Size:	489 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR214081).

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_175118.3 , NP_780327.1
RefSeq Size:	1491 bp
RefSeq ORF:	492 bp
Locus ID:	67446
UniProt ID:	Q8BTR5
Cytogenetics:	1 D



Gene Summary:

Has phosphatase activity with the synthetic substrate 6,8-difluoro-4-methylumbelliferyl phosphate (in vitro). Has almost no detectable activity with phosphotyrosine, even less activity with phosphothreonine and displays complete lack of activity with phosphoserine. The poor activity with phosphotyrosine may be due to steric hindrance by bulky amino acid sidechains that obstruct access to the active site.[UniProtKB/Swiss-Prot Function]