

Product datasheet for **RR212872L4V**

Dusp15 (NM_001108598) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dusp15 (NM_001108598) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Dusp15
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001108598
ORF Size:	732 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212872).
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_001108598.2 , NP_001102068.2
RefSeq Size:	3164 bp
RefSeq ORF:	735 bp
Locus ID:	362238
UniProt ID:	B4F7B7
Cytogenetics:	3q41



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Gene Summary:

May play a role in the regulation of oligodendrocyte differentiation. May play a role in the regulation of myelin formation (PubMed:27532821). Involved in the regulation of Erk1/2 phosphorylation in Schwann cells; the signaling may be linked to the regulation of myelination (PubMed:27891578). May dephosphorylate MAPK13, ATF2, ERBB3, PDGFRB and SNX6 (By similarity).[UniProtKB/Swiss-Prot Function]