

Product datasheet for **RR212829L3V**

Otop1 (NM_181433) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Otop1 (NM_181433) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Otop1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_181433
ORF Size:	1800 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212829).
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_181433.1 , NP_852098.1
RefSeq Size:	1827 bp
RefSeq ORF:	1803 bp
Locus ID:	305427
UniProt ID:	Q7M734
Cytogenetics:	14q21
Gene Summary:	may play a role in the biosynthesis of otoconia, which are inner ear biominerals required for perception of gravity and linear acceleration [RGD, Feb 2006]



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