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Product datasheet for MR224803L2V

Ror1 (NM_013845) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ror1 (NM_013845) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ror1
Synonyms:	2810404D04Rik; Ntr; Ntrkr1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_013845
ORF Size:	2811 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224803).
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_013845.4
RefSeq Size:	3542 bp
RefSeq ORF:	2814 bp
Locus ID:	26563
UniProt ID:	Q9Z139
Cytogenetics:	4 45.71 cM

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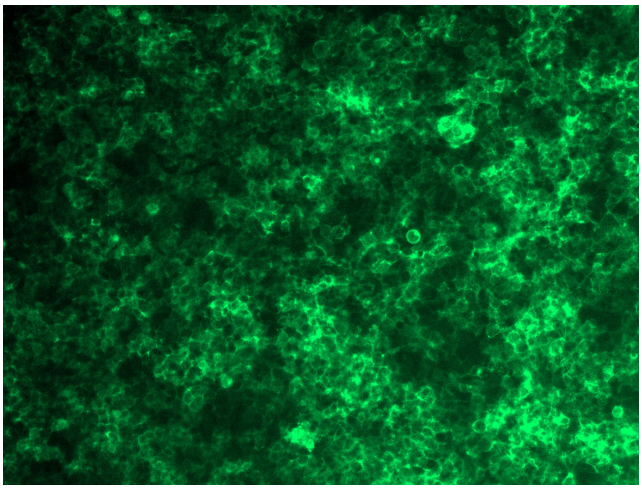
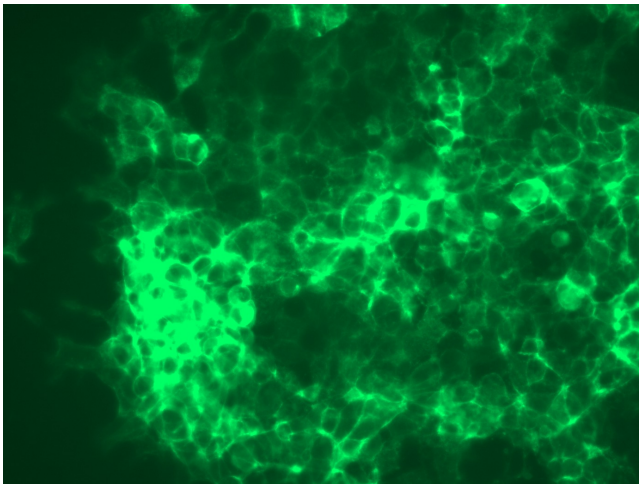
Gene Summary: This gene encodes a receptor tyrosine kinase that has been implicated in nervous system development, specifically in the maintenance of neural progenitor cell fate, neurite extension and synapse formation. The encoded protein, likely a pseudokinase that lacks catalytic activity, may also regulate adipogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]

Product images:



[MR224803L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR224803L2V particle to overexpress human Ror1-mGFP fusion protein.



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