

## Product datasheet for **RC222464L3V**

### NEUROD4 (NM\_021191) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NEUROD4 (NM_021191) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NEUROD4
Synonyms:	ATH-3; ATH3; Atoh3; bHLHa4; MATH-3; MATH3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_021191
ORF Size:	993 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222464).
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. <a href="#">More info</a>
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:	<a href="#">NM_021191.1</a>
RefSeq Size:	1481 bp
RefSeq ORF:	996 bp
Locus ID:	58158
UniProt ID:	<a href="#">Q9HD90</a>
Cytogenetics:	12q13.2
Domains:	HLH
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 36.9 kDa

**Gene Summary:** Probably acts as a transcriptional activator. Mediates neuronal differentiation. Required for the regulation of amacrine cell fate specification in the retina (By similarity).[UniProtKB/Swiss-Prot Function]