

## Product datasheet for **RC224767L4V**

### Neurogenin3 (NEUROG3) (NM\_020999) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Neurogenin3 (NEUROG3) (NM_020999) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neurogenin3
Synonyms:	Atoh5; bHLHa7; Math4B; NGN-3; ngn3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020999
ORF Size:	642 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224767).
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_020999.2</a>
RefSeq Size:	1167 bp
RefSeq ORF:	645 bp
Locus ID:	50674
UniProt ID:	<a href="#">Q9Y4Z2</a>
Cytogenetics:	10q22.1
Protein Families:	ES Cell Differentiation/IPS
Protein Pathways:	Maturity onset diabetes of the young



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**MW:** 22.9 kDa

**Gene Summary:** The protein encoded by this gene is a basic helix-loop-helix (bHLH) transcription factor involved in neurogenesis. The encoded protein likely acts as a heterodimer with another bHLH protein. Defects in this gene are a cause of congenital malabsorptive diarrhea 4 (DIAR4).[provided by RefSeq, May 2010]