

Product datasheet for **RC207029L4V**

Neurogenin 1 (NEUROG1) (NM_006161) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Neurogenin 1 (NEUROG1) (NM_006161) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neurogenin 1
Synonyms:	AKA; bHLHa6; Math4C; NEUROD3; ngn1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006161
ORF Size:	711 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207029).
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_006161.2
RefSeq Size:	1717 bp
RefSeq ORF:	714 bp
Locus ID:	4762
UniProt ID:	Q92886
Cytogenetics:	5q31.1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
MW:	25.7 kDa



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Gene Summary:

Acts as a transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Associates with chromatin to enhancer regulatory elements in genes encoding key transcriptional regulators of neurogenesis (By similarity).[UniProtKB/Swiss-Prot Function]