

Product datasheet for **RC210963L4V**

nkx6.2 (NKX6-2) (NM_177400) Human Tagged ORF Clone Lentiviral Particle

Product data:

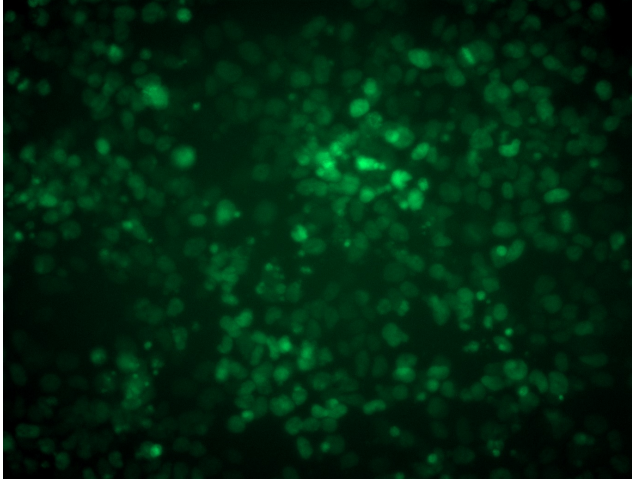
Product Type:	Lentiviral Particles
Product Name:	nkx6.2 (NKX6-2) (NM_177400) Human Tagged ORF Clone Lentiviral Particle
Symbol:	nkx6.2
Synonyms:	GTX; NKX6.2; NKX6B; SPAX8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177400
ORF Size:	831 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210963).
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_177400.1
RefSeq Size:	834 bp
RefSeq ORF:	834 bp
Locus ID:	84504
UniProt ID:	Q9C056
Cytogenetics:	10q26.3
Protein Families:	Transcription Factors
MW:	29.1 kDa



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Gene Summary:

Transcription factor with repressor activity involved in the regulation of axon-glial interactions at myelin paranodes in oligodendrocytes. Binds to the consensus DNA sequence 5'-(A/T)TTAATGA-3'. In oligodendrocytes, binds to MBP and PLP1 promoter regions. [UniProtKB/Swiss-Prot Function]

Product images:

[RC210963L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC210963L4V particle to overexpress human NKX6-2-mGFP fusion protein.