

## Product datasheet for **RC210419L1V**

### **Nkx2.2 (NKX2-2) (NM\_002509) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nkx2.2 (NKX2-2) (NM_002509) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Nkx2.2
Synonyms:	NKX2.2; NKX2B
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002509
ORF Size:	819 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210419).
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_002509.2</a>
RefSeq Size:	2092 bp
RefSeq ORF:	822 bp
Locus ID:	4821
UniProt ID:	<a href="#">O95096</a>
Cytogenetics:	20p11.22
Protein Families:	Transcription Factors
Protein Pathways:	Maturity onset diabetes of the young



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**MW:** 30 kDa

**Gene Summary:** The protein encoded by this gene contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear transcription factor. [provided by RefSeq, Jul 2008]