

Product datasheet for **RC224762L4V**

nkx6.1 (NKX6-1) (NM_006168) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	nkx6.1 (NKX6-1) (NM_006168) Human Tagged ORF Clone Lentiviral Particle
Symbol:	nkx6.1
Synonyms:	NKX6.1; NKX6A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006168
ORF Size:	1101 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224762).
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_006168.2 , NP_006159.2
RefSeq Size:	1116 bp
RefSeq ORF:	1104 bp
Locus ID:	4825
UniProt ID:	P78426
Cytogenetics:	4q21.23
Protein Families:	Transcription Factors
Protein Pathways:	Maturity onset diabetes of the young



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MW: 37.7 kDa

Gene Summary: In the pancreas, NKX6.1 is required for the development of beta cells and is a potent bifunctional transcription regulator that binds to AT-rich sequences within the promoter region of target genes Iype et al. (2004) [PubMed 15056733]. [supplied by OMIM, Mar 2008]