

Product datasheet for **RC226770L4V**

Nkx2.6 (NKX2-6) (NM_001136271) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Nkx2.6
Synonyms:	CSX2; CTHM; NKX2F; NKX4-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001136271
ORF Size:	657 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226770).

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_001136271.1](#), [NP_001129743.1](#)

RefSeq ORF: 906 bp

Locus ID: 137814

UniProt ID: [A6NCS4](#)

Cytogenetics: 8p21.2

MW: 23.1 kDa



Gene Summary:

This gene encodes a homeobox-containing protein that belongs to the NK-2 homeobox family. This protein is a vertebrate homolog of Drosophila homeobox-containing protein called 'tinman', which has been shown to be essential for development of the heart-like dorsal vessel. In conjunction with related gene, NKX2-5, this gene may play a role in both pharyngeal and cardiac embryonic development. Mutations in this gene are associated with persistent truncus arteriosus.[provided by RefSeq, Aug 2011]