

Product datasheet for **RC225531L4V**

HMX3 (NM_001105574) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	HMX3
Synonyms:	NKX-5.1; Nkx5-1; NKX5.1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001105574
ORF Size:	1071 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC225531).

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_001105574.1
RefSeq ORF:	1074 bp
Locus ID:	340784
UniProt ID:	A6NHT5
Cytogenetics:	10q26.13
MW:	37.6 kDa



Gene Summary:

Transcription factor involved in specification of neuronal cell types and which is required for inner ear and hypothalamus development. Binds to the 5'-CAAGTG-3' core sequence. Controls semicircular canal formation in the inner ear. Also required for hypothalamic/pituitary axis of the CNS (By similarity).[UniProtKB/Swiss-Prot Function]