

Product datasheet for **RC217611L4V**

HMX1 (NM_018942) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HMX1 (NM_018942) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HMX1
Synonyms:	H6; NKX5-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018942
ORF Size:	1044 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217611).
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_018942.1
RefSeq Size:	1884 bp
RefSeq ORF:	1047 bp
Locus ID:	3166
UniProt ID:	Q9NP08
Cytogenetics:	4p16.1
MW:	36 kDa


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Gene Summary:

This gene encodes a transcription factor that belongs to the H6 family of homeobox proteins. This protein can bind a 5'-CAAG-3' core DNA sequence, and it is involved in the development of craniofacial structures. Mutations in this gene cause oculoauricular syndrome, a disorder of the eye and external ear. [provided by RefSeq, Oct 2009]