

## Product datasheet for **RC204014L2V**

### LHX4 (NM\_033343) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LHX4 (NM_033343) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LHX4
Synonyms:	CPHD4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_033343
ORF Size:	1170 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204014).
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_033343.2</a>
RefSeq Size:	1909 bp
RefSeq ORF:	1173 bp
Locus ID:	89884
UniProt ID:	<a href="#">Q969G2</a>
Cytogenetics:	1q25.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	43.1 kDa



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**Gene Summary:**

This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor involved in the control of differentiation and development of the pituitary gland. Mutations in this gene cause combined pituitary hormone deficiency 4. [provided by RefSeq, Dec 2010]