

Product datasheet for **RC210977L4V**

LIM1 (LHX1) (NM_005568) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LIM1 (LHX1) (NM_005568) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LIM1
Synonyms:	LIM-1; LIM1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005568
ORF Size:	1218 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210977).
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_005568.2
RefSeq Size:	3428 bp
RefSeq ORF:	1221 bp
Locus ID:	3975
UniProt ID:	P48742
Cytogenetics:	17q12
Domains:	homeobox, LIM
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors



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MW: 44.8 kDa

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 important for the development of the renal and urogenital systems. This gene is a candidate for Mayer-Rokitansky-Kuster-Hauser syndrome, a disorder characterized by anomalies in the female genital tract. [provided by RefSeq, Dec 2010]