

Product datasheet for **RC222655L1V**

Reelin (RELN) (NM_005045) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Reelin (RELN) (NM_005045) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Reelin
Synonyms:	ETL7; LIS2; PRO1598; RL
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005045
ORF Size:	10380 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222655).
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_005045.2
RefSeq Size:	11564 bp
RefSeq ORF:	10383 bp
Locus ID:	5649
UniProt ID:	P78509
Cytogenetics:	7q22.1
Protein Families:	Druggable Genome
Protein Pathways:	ECM-receptor interaction, Focal adhesion



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MW: 388.2 kDa

Gene Summary: This gene encodes a large secreted extracellular matrix protein thought to control cell-cell interactions critical for cell positioning and neuronal migration during brain development. This protein may be involved in schizophrenia, autism, bipolar disorder, major depression and in migration defects associated with temporal lobe epilepsy. Mutations of this gene are associated with autosomal recessive lissencephaly with cerebellar hypoplasia. Two transcript variants encoding distinct isoforms have been identified for this gene. Other transcript variants have been described but their full length nature has not been determined. [provided by RefSeq, Jul 2008]