

Product datasheet for **RC212742L2V**

CORIN (NM_006587) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CORIN (NM_006587) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CORIN
Synonyms:	ATC2; CRN; Lrp4; PEE5; TMPRSS10
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006587
ORF Size:	3126 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212742).
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_006587.2
RefSeq Size:	4942 bp
RefSeq ORF:	3129 bp
Locus ID:	10699
UniProt ID:	Q9Y5Q5
Cytogenetics:	4p12
Domains:	FRI, SR, Tryp_SPc, ldl_recept_a
Protein Families:	Druggable Genome, Protease, Transmembrane



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MW: 116.3 kDa

Gene Summary: This gene encodes a member of the type II transmembrane serine protease class of the trypsin superfamily. Members of this family are composed of multiple structurally distinct domains. The encoded protein converts pro-atrial natriuretic peptide to biologically active atrial natriuretic peptide, a cardiac hormone that regulates blood volume and pressure. This protein may also function as a pro-brain-type natriuretic peptide convertase. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]