

## Product datasheet for **MR224645L4V**

### Corin (NM\_016869) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Corin (NM_016869) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Corin
Synonyms:	AV273130; Lrp4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016869
ORF Size:	3339 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224645).
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_016869.3</a> , <a href="#">NP_058565.2</a>
RefSeq Size:	4890 bp
RefSeq ORF:	3342 bp
Locus ID:	53419
UniProt ID:	<a href="#">Q9Z319</a>
Cytogenetics:	5 C3.2



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**Gene Summary:**

Serine-type endopeptidase involved in atrial natriuretic peptide hormone (NPPA) processing. Converts through proteolytic cleavage the non-functional propeptide NPPA into the active hormone, thereby regulating blood pressure in heart and promoting natriuresis, diuresis and vasodilation. Proteolytic cleavage of pro-NPPA also plays a role in female pregnancy by promoting trophoblast invasion and spiral artery remodeling in uterus. Also acts as a regulator of sodium reabsorption in kidney. May also process pro-NPPB the B-type natriuretic peptide.[UniProtKB/Swiss-Prot Function]