

## Product datasheet for RC220468L4V

## OriGene Technologies, Inc.

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## Cingulin (CGN) (NM\_020770) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: Cingulin (CGN) (NM 020770) Human Tagged ORF Clone Lentiviral Particle

Symbol: Cingulin

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_020770

ORF Size: 3609 bp

ORF Nucleotide Sequence:

The ORF insert of this clone is exactly the same as(RC220468).

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: <u>NM 020770.1</u>

 RefSeq Size:
 5142 bp

 RefSeq ORF:
 3612 bp

 Locus ID:
 57530

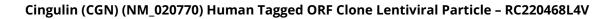
 UniProt ID:
 Q9P2M7

 Cytogenetics:
 1q21.3

**Protein Pathways:** Tight junction

**MW:** 136.9 kDa







**Gene Summary:** 

Probably plays a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier.[UniProtKB/Swiss-Prot Function]