

## Product datasheet for RC208066L1V

## OriGene Technologies, Inc.

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## Cullin 3 (CUL3) (NM\_003590) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** Cullin 3 (CUL3) (NM\_003590) Human Tagged ORF Clone Lentiviral Particle

Symbol: Cullin 3

Synonyms: CUL-3; NEDAUS; PHA2E

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM\_003590

ORF Size: 2304 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC208066).

Sequence:
OTI Disclaimer:

**Domains:** 

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 003590.2</u>

 RefSeq Size:
 6790 bp

 RefSeq ORF:
 2307 bp

 Locus ID:
 8452

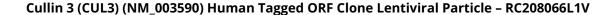
 UniProt ID:
 Q13618

 Cytogenetics:
 2q36.2

**Protein Families:** Druggable Genome

**CULLIN** 







**Protein Pathways:** Ubiquitin mediated proteolysis

MW: 88.9 kDa

**Gene Summary:** This gene encodes a member of the cullin protein family. The encoded protein plays a critical

role in the polyubiquitination and subsequent degradation of specific protein substrates as the core component and scaffold protein of an E3 ubiquitin ligase complex. Complexes including the encoded protein may also play a role in late endosome maturation. Mutations in this gene are a cause of type 2E pseudohypoaldosteronism. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq,

Mar 2012]