

Product datasheet for **RC208066L2V**

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:	CUL3
Synonyms:	CUL-3; NEDAUS; PHA2E
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003590
ORF Size:	2304 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208066).
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_003590.2
RefSeq Size:	6790 bp
RefSeq ORF:	2307 bp
Locus ID:	8452
UniProt ID:	Q13618
Cytogenetics:	2q36.2
Domains:	CULLIN
Protein Families:	Druggable Genome



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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]