

## Product datasheet for **RC206935L2V**

### Cullin 4B (CUL4B) (NM\_003588) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Cullin 4B (CUL4B) (NM_003588) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Cullin 4B  |
| Synonyms:                 | CUL-4B; MRXHF2; MRXS15; MRXSC; SFM2  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_003588  |
| ORF Size:                 | 2739 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC206935).   |
| 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_003588.2</a> , <a href="#">NP_003579.2</a>  |
| RefSeq Size:              | 5365 bp  |
| RefSeq ORF:               | 2742 bp  |
| Locus ID:                 | 8450   |
| UniProt ID:               | <a href="#">Q13620</a>   |
| Cytogenetics:             | Xq24   |
| Domains:                  | CULLIN   |
| Protein Pathways:         | Nucleotide excision repair, Ubiquitin mediated proteolysis   |



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**MW:** 104 kDa

**Gene Summary:** This gene is a member of the cullin family. The encoded protein forms a complex that functions as an E3 ubiquitin ligase and catalyzes the polyubiquitination of specific protein substrates in the cell. The protein interacts with a ring finger protein, and is required for the proteolysis of several regulators of DNA replication including chromatin licensing and DNA replication factor 1 and cyclin E. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]