

Product datasheet for **MR226661L4V**

Dcc (NM_007831) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Dcc (NM_007831) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Dcc |
| Synonyms: | C030036D22Rik; Igdcc1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_007831 |
| ORF Size: | 4341 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR226661). |
| 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_007831.3 , NP_031857.2 |
| RefSeq Size: | 10325 bp |
| RefSeq ORF: | 4344 bp |
| Locus ID: | 13176 |
| UniProt ID: | P70211 |
| Cytogenetics: | 18 45.24 cM |



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Gene Summary:

Receptor for netrin required for axon guidance. Mediates axon attraction of neuronal growth cones in the developing nervous system upon ligand binding. Its association with UNC5 proteins may trigger signaling for axon repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. Implicated as a tumor suppressor gene.[UniProtKB/Swiss-Prot Function]