

## Product datasheet for **RC205235L1V**

### **DCTN4 (NM\_016221) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | DCTN4 (NM_016221) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                       |
| Symbol:                   | DCTN4                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms:                 | DYN4; P62                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag:                      | Myc-DDK                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ACCN:                     | NM_016221                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORF Size:                 | 1380 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC205235).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_016221.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RefSeq Size:              | 3937 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 1383 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 51164                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">Q9UJW0</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 5q33.1                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Pathways:         | Huntington's disease                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MW:                       | 52.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                           |



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**Gene Summary:**

Could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and dynactin to the cortical cytoskeleton.[UniProtKB/Swiss-Prot Function]