

## Product datasheet for **RR202032L3V**

### **Dctn2 (NM\_001004239) Rat Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Dctn2 (NM_001004239) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Dctn2
Synonyms:	MGC93976
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001004239
ORF Size:	1206 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202032).
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_001004239.1</a> , <a href="#">NP_001004239.1</a>
RefSeq Size:	1675 bp
RefSeq ORF:	1209 bp
Locus ID:	299850
UniProt ID:	<a href="#">Q6AYH5</a>
Cytogenetics:	7q22



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**Gene Summary:**

Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development (By similarity).[UniProtKB/Swiss-Prot Function]