

## Product datasheet for **MR204720L3V**

### **Ndn (NM\_010882) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ndn (NM_010882) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ndn
Synonyms:	AI528698; Peg6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_010882
ORF Size:	975 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204720).
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_010882.3</a> , <a href="#">NP_035012.2</a>
RefSeq Size:	1652 bp
RefSeq ORF:	978 bp
Locus ID:	17984
UniProt ID:	<a href="#">P25233</a>
Cytogenetics:	7 C



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**Gene Summary:**

Growth suppressor that facilitates the entry of the cell into cell cycle arrest. Functionally similar to the retinoblastoma protein it binds to and represses the activity of cell-cycle-promoting proteins such as SV40 large T antigen, adenovirus E1A, and the transcription factor E2F. Ncdin also interacts with p53 and works in an additive manner to inhibit cell growth. Functions also as transcription factor and binds directly to specific guanosine-rich DNA sequences.[UniProtKB/Swiss-Prot Function]