

## Product datasheet for **MR211696L4V**

### Ncapg2 (NM\_133762) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ncapg2 (NM_133762) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ncapg2
Synonyms:	5830426I05Rik; Luzp5; mCAP-G2; Mtb
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133762
ORF Size:	3414 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211696).
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_133762.3</a>
RefSeq Size:	6604 bp
RefSeq ORF:	3417 bp
Locus ID:	76044
UniProt ID:	<a href="#">Q6DFV1</a>
Cytogenetics:	12 F2


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**Gene Summary:**

Regulatory subunit of the condensin-2 complex, a complex which establishes mitotic chromosome architecture and is involved in physical rigidity of the chromatid axis. Is required for early embryonic development and is essential for viability and expansion of the inner cell mass (ICM) of the implanting blastocyst.[UniProtKB/Swiss-Prot Function]