

## Product datasheet for **MR202161L4V**

### Mnd1 (NM\_029797) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Mnd1 (NM_029797) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mnd1
Synonyms:	2610034E18Rik; AI591601; Gaj
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029797
ORF Size:	618 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202161).
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_029797.1</a> , <a href="#">NP_084073.1</a>
RefSeq Size:	874 bp
RefSeq ORF:	618 bp
Locus ID:	76915
UniProt ID:	<a href="#">Q8K396</a>
Cytogenetics:	3 F1



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**Gene Summary:**

Required for proper homologous chromosome pairing and efficient cross-over and intragenic recombination during meiosis. Stimulates both DMC1- and RAD51-mediated homologous strand assimilation, which is required for the resolution of meiotic double-strand breaks. [UniProtKB/Swiss-Prot Function]