

Product datasheet for **MR211265L4V**

Morc3 (NM_001045529) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Morc3 (NM_001045529) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Morc3
Synonyms:	1110051N18Rik; AI452146; BF318192; D16Jhu32e; NXP2; Zcwcc3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001045529
ORF Size:	2826 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211265).
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. More info
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:	NM_001045529.3 , NP_001038994.2
RefSeq Size:	4237 bp
RefSeq ORF:	2829 bp
Locus ID:	338467
UniProt ID:	F7BIB9
Cytogenetics:	16 C4



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Gene Summary:

Nuclear factor which forms MORC3-NBs (nuclear bodies) via an ATP-dependent mechanism (By similarity). Sumoylated MORC3-NBs can also associate with PML-NBs (By similarity). Recruits TP53 and SP100 to PML-NBs, thus regulating TP53 activity (PubMed:17332504). Binds RNA in vitro (By similarity).[UniProtKB/Swiss-Prot Function]