

Product datasheet for **MR214420L3V**

Mrif1 (NM_001039488) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mrif1 (NM_001039488) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mrif1
Synonyms:	2010012G17Rik; 4933421E11Rik; AI450568
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001039488
ORF Size:	2265 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR214420).
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_001039488.1 , NP_001034577.1
RefSeq Size:	3370 bp
RefSeq ORF:	2268 bp
Locus ID:	321000
UniProt ID:	Q8CDD9
Cytogenetics:	3 F2.3



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Gene Summary:

Together with SMCHD1, involved in chromosome X inactivation in females by promoting the compaction of heterochromatin. Also able to repress the ligand-induced transcriptional activity of retinoic acid receptor alpha (RARA), possibly through direct recruitment of histone deacetylases.[UniProtKB/Swiss-Prot Function]