

Product datasheet for **MR210010L4V**

Mum1 (NM_023431) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mum1 (NM_023431) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mum1
Synonyms:	2610019J09; 9430059D04Rik; UBE-1C2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023431
ORF Size:	2049 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210010).
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_023431.5 , NP_075920.4
RefSeq Size:	3717 bp
RefSeq ORF:	2049 bp
Locus ID:	68114
UniProt ID:	Q6DID5
Cytogenetics:	10 C1



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Gene Summary:

Involved in the DNA damage response pathway by contributing to the maintenance of chromatin architecture. Recruited to the vicinity of DNA breaks by TP53BP1 and plays an accessory role to facilitate damage-induced chromatin changes and promoting chromatin relaxation. Required for efficient DNA repair and cell survival following DNA damage (By similarity).[UniProtKB/Swiss-Prot Function]