

Product datasheet for **MR210032L4V**

Usp49 (NM_198421) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Usp49 (NM_198421) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Usp49
Synonyms:	C330046L10Rik; Gm545
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198421
ORF Size:	2055 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210032).
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_198421.1
RefSeq Size:	5598 bp
RefSeq ORF:	2058 bp
Locus ID:	224836
UniProt ID:	Q6P9L4
Cytogenetics:	17 C



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Gene Summary:

Specifically deubiquitinates histone H2B at 'Lys-120' (H2BK120Ub). H2BK120Ub is a specific tag for epigenetic transcriptional activation and acts as a regulator of mRNA splicing. Deubiquitination is required for efficient cotranscriptional splicing of a large set of exons (By similarity).[UniProtKB/Swiss-Prot Function]