

Product datasheet for **MR210640L4V**

Usp1 (NM_146144) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Usp1 (NM_146144) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Usp1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_146144
ORF Size:	2352 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210640).
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_146144.3
RefSeq Size:	3567 bp
RefSeq ORF:	2355 bp
Locus ID:	230484
UniProt ID:	Q8BJQ2
Cytogenetics:	4 C6



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Gene Summary:

This gene encodes a member of the ubiquitin-specific peptidase family. The encoded protein acts as a catalytic subunit in a heterodimeric deubiquitinating enzyme complex that deubiquitinates Fanconi anemia, complementation group D2, and plays a role in homologous recombination-mediated DNA repair. Disruption of this gene is associated with a Fanconi anemia-like phenotype and genomic instability. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 3, 12, and 15. [provided by RefSeq, Aug 2014]