

## Product datasheet for **MR204022L4V**

### **Rnf144a (NM\_080563) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Rnf144a (NM_080563) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rnf144a
Synonyms:	Rnf144; Ubce7ip4; UIP4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080563
ORF Size:	879 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204022).
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. <a href="#">More info</a>
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:	<a href="#">NM_080563.3</a> , <a href="#">NP_542130.1</a>
RefSeq Size:	5115 bp
RefSeq ORF:	879 bp
Locus ID:	108089
UniProt ID:	<a href="#">Q925F3</a>
Cytogenetics:	12 A2



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**Gene Summary:**

E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates the ubiquitination and degradation of the DNA damage kinase PRKDC.[UniProtKB/Swiss-Prot Function]