

## Product datasheet for **MR225197L4V**

### **Mtus1 (NM\_001005864) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Mtus1 (NM_001005864) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mtus1
Synonyms:	AI481402; ATBP135; Atip1; B430010I23Rik; B430305I03Rik; C85752; Cctsg1-440; MD44; mKIAA1288; MTSG1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001005864
ORF Size:	1560 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225197).
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_001005864.2</a> , <a href="#">NP_001005864.1</a>
RefSeq Size:	4158 bp
RefSeq ORF:	1563 bp
Locus ID:	102103
UniProt ID:	<a href="#">Q5HZI1</a>
Cytogenetics:	8 A4



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**Gene Summary:**

Cooperates with AGTR2 to inhibit ERK2 activation and cell proliferation. May be required for AGTR2 cell surface expression. Together with PTPN6, induces UBE2V2 expression upon angiotensin-II stimulation.[UniProtKB/Swiss-Prot Function]