

Product datasheet for **MR208236L3V**

Smu1 (NM_021535) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Smu1
Synonyms:	2600001O03Rik; 2610203K23Rik; AB044414; AI845086; AW556129; Bwd
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_021535
ORF Size:	1539 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR208236).

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_021535.2](#), [NP_067510.3](#)

RefSeq Size: 3273 bp

RefSeq ORF: 1542 bp

Locus ID: 74255

UniProt ID: [Q3UKJ7](#)

Cytogenetics: 4 A5



Gene Summary:

Involved in pre-mRNA splicing as a component of the spliceosome (By similarity). Regulates alternative splicing of the HSPG2 pre-mRNA (By similarity). Required for normal accumulation of IK (By similarity). Required for normal mitotic spindle assembly and normal progress through mitosis (By similarity).[UniProtKB/Swiss-Prot Function]