

## Product datasheet for MR207258L3V

### Mief2 (NM\_001009927) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

**Product Type:** Lentiviral Particles

**Symbol:** Mief2

**Synonyms:** AI482195; Gm11; Smcr7

**Mammalian Cell:** Puromycin

**Selection:**

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

**Tag:** Myc-DDK

**ACCN:** NM\_001009927

**ORF Size:** 1362 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as (MR207258).

**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\\_001009927.2](#), [NP\\_001009927.1](#)

**RefSeq Size:** 2564 bp

**RefSeq ORF:** 1365 bp

**Locus ID:** 237781

**UniProt ID:** [Q5NCS9](#)

**Cytogenetics:** 11 B2



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**Gene Summary:**

Mitochondrial outer membrane protein which regulates mitochondrial organization. It is required for mitochondrial fission and promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface independently of the mitochondrial fission FIS1 and MFF proteins. Regulates DNM1L GTPase activity.[UniProtKB/Swiss-Prot Function]