

# Product datasheet for MR209946L3V

## Cast (BC010603) Mouse Tagged ORF Clone Lentiviral Particle

### **Product data:**

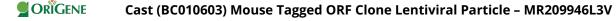
#### **Product Type: Lentiviral Particles Product Name:** Cast (BC010603) Mouse Tagged ORF Clone Lentiviral Particle Symbol: Cast Mammalian Cell Puromycin Selection: Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092) Myc-DDK Tag: ACCN: BC010603 **ORF** Size: 2022 bp **ORF** Nucleotide The ORF insert of this clone is exactly the same as(MR209946). Sequence: **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 This clone was engineered to express the complete ORF with an expression tag. Expression **OTI** Annotation: varies depending on the nature of the gene. **RefSeq:** BC010603, AAH10603 **RefSeq Size:** 2712 bp **RefSeq ORF:** 2024 bp Locus ID: 12380 13 C1 Cytogenetics:



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Gene Summary:This gene encodes an inhibitor of the calcium-dependent cysteine protease, calpain. This<br/>protein plays roles in multiple processes, including apoptosis, cell cycle regulation, and<br/>membrane fusion. Multiple protein isoforms exist which contain unique N-terminal domains,<br/>and multiple inhibitory domains that share homology with each other. Some isoforms may be<br/>tissue-specific. Two different pseudogenes of this gene are found on chromosome 19.<br/>[provided by RefSeq, Jul 2014]

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