

Product datasheet for MR204118L3V

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Memo1 (NM_133771) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Symbol: Memo1

Synonyms: 0610016J10Rik; D930048L02Rik

Mammalian Cell: Puromycin

Selection:

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

Tag: Myc-DDK

ACCN: NM_133771

ORF Size: 891 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as (MR204118).

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_133771.1](#)

RefSeq Size: 1499 bp

RefSeq ORF: 894 bp

Locus ID: 76890

UniProt ID: [Q91VH6](#)

Cytogenetics: 17 E2



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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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Gene Summary:

May control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. Mediator of ERBB2 signaling. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. It controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity. In turn, membrane-bound APC allows the localization of the MACF1 to the cell membrane, which is required for microtubule capture and stabilization (By similarity). [UniProtKB/Swiss-Prot Function]