

## OriGene Technologies, Inc.

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## Product datasheet for MR216412L4V

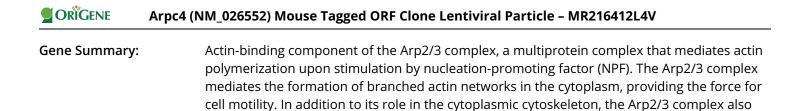
## Arpc4 (NM\_026552) Mouse Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Name:Arpc4 (NM_026552) Mouse Tagged ORF Clone Lentiviral ParticleSymbol:Arpc4Synonyms:Okboa; 5330419120Rik; Al327076; p20-ArcMammalian Cell Selection:PuromycinVector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_026552ORF Size:504 bpORF Size:504 bpORF Insert of this clone is exactly the same as(MR216412).Sequence: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 aturally 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 infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression
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varies depending on the nature of the gene.
<b>RefSeq:</b> <u>NM 026552.3</u> , <u>NP 080828.1</u>
RefSeq Size:2271 bp
RefSeq ORF: 507 bp
Locus ID: 68089
UniProt ID: <u>P59999</u>
Cytogenetics: 6 E3



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promotes actin polymerization in the nucleus, thereby regulating gene transcription and repair of damaged DNA. The Arp2/3 complex promotes homologous recombination (HR) repair in response to DNA damage by promoting nuclear actin polymerization, leading to

drive motility of double-strand breaks (DSBs).[UniProtKB/Swiss-Prot Function]

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