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# Product datasheet for MR203894L3V

## Capza2 (NM_007604) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Capza2 (NM_007604) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Capza2 |
| **Synonyms:** | 1110053K06Rik; AW208808; Cappa2 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_007604 |
| **ORF Size:** | 861 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(MR203894).` |
| **OTI Disclaimer:** | Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.<br><br>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_007604.2 |
| **RefSeq Size:** | 2015 bp |
| **RefSeq ORF:** | 861 bp |

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|---|---|
| **Locus ID:** | 12343 |
| **UniProt ID:** | P47754 |
| **Cytogenetics:** | 6 7.96 cM |
| **Gene Summary:** | F-actin-capping proteins bind in a Ca(2+)-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments.[UniProtKB/Swiss-Prot Function] |