

Product datasheet for **MR223561L4V**

Cenpc1 (NM_007683) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Cenpc1 (NM_007683) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Cenpc1 |
| Synonyms: | CENP-C; Cenpc |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_007683 |
| ORF Size: | 2718 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR223561). |
| 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_007683.3 |
| RefSeq Size: | 3192 bp |
| RefSeq ORF: | 2721 bp |
| Locus ID: | 12617 |
| UniProt ID: | P49452 |
| Cytogenetics: | 5 E1 |



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Gene Summary:

This gene encodes a centromeric protein component of a nucleosome-associated complex that plays a central role in kinetochore protein assembly, mitotic progression and chromosome segregation. The human ortholog encodes a protein with DNA-binding activity, that associates constitutively to kinetochores throughout the cell cycle, as part of a prekinetochore complex, together with centromeric protein-A and centromeric protein-B. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]