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# Product datasheet for RC202501L3V

## MAGEA10 (NM_001011543) Human Tagged ORF Clone Lentiviral Particle

### Product data:

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| **Product Type:** | Lentiviral Particles |
| **Product Name:** | MAGEA10 (NM_001011543) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | MAGEA10 |
| **Synonyms:** | CT1.10; MAGE10 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_001011543 |
| **ORF Size:** | 1107 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC202501). |
| **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_001011543.1, NP_001011543.1 |
| **RefSeq Size:** | 2759 bp |
| **RefSeq ORF:** | 1110 bp |

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|---|---|
| **Locus ID:** | 4109 |
| **UniProt ID:** | P43363 |
| **Cytogenetics:** | Xq28 |
| **MW:** | 40.8 kDa |
| **Gene Summary:** | This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream melanoma antigen family A, 5 (MAGEA5) gene.[provided by RefSeq, Oct 2011] |