

Product datasheet for RC204482L3

OriGene Technologies, Inc.

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MAGEA4 (NM_001011549) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MAGEA4 (NM 001011549) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: MAGEA4

Synonyms: CT1.4; MAGE-41; MAGE-X2; MAGE4; MAGE4A; MAGE4B

Mammalian Cell Puromycin

Selection:

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

E. coli Selection: Chloramphenicol (34 ug/mL)

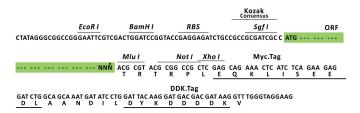
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC204482).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



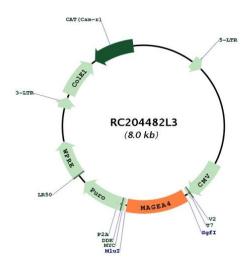


st The last codon before the Stop codon of the ORF.





Plasmid Map:



ACCN: NM_001011549

ORF Size: 951 bp

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001011549.1</u>, <u>NP 001011549.1</u>

RefSeq Size: 1721 bp RefSeq ORF: 954 bp



MAGEA4 (NM_001011549) Human Tagged Lenti ORF Clone - RC204482L3

Locus ID: 4103 UniProt ID: <u>P43358</u>

Cytogenetics: Xq28

MW: 34.9 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. Several variants encoding the

same protein have been found for this gene. [provided by RefSeq, Aug 2020]