

Product datasheet for RC202331L4

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MAGEH1 (NM_014061) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MAGEH1 (NM_014061) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: MAGEH1

Synonyms: APR-1; APR1; MAGEH

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC202331).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_014061

ORF Size: 657 bp





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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 014061.3</u>

RefSeq Size: 1485 bp
RefSeq ORF: 660 bp
Locus ID: 28986

UniProt ID: Q9H213

Cytogenetics: Xp11.21

Protein Families: Transmembrane

MW: 24.4 kDa

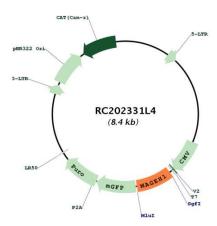
Gene Summary: This gene belongs to the non-CT (non cancer/testis) subgroup of the melanoma-associated

antigen (MAGE) superfamily. The encoded protein is likely associated with apoptosis, cell cycle arrest, growth inhibition or cell differentiation. The protein may be involved in the atRA (all-trans retinoic acid) signaling through the STAT1-alpha (signal transducer and activator of

transcription 1-alpha) pathway. [provided by RefSeq, Aug 2013]



Product images:



Circular map for RC202331L4