

## Product datasheet for RC209603L3

# OriGene Technologies, Inc.

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### MAGEB6 (NM\_173523) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** MAGEB6 (NM\_173523) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: MAGEB6

Synonyms: CT3.4; MAGE-B6; MAGEB6A

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(RC209603).

Sgfl-Mlul

Sequence:

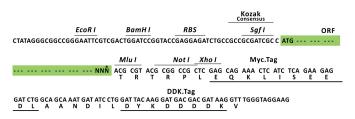
Cloning Scheme:

**Restriction Sites:** 

Cloning sites used for ORF Shuttling:

Sgf I ORF Mlu I

GGG ATC GC ATG --- NNN ACG CGT ---



<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_173523

ORF Size: 1221 bp





#### MAGEB6 (NM\_173523) Human Tagged Lenti ORF Clone - RC209603L3

**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 173523.2</u>, <u>NP 775794.2</u>

 RefSeq Size:
 1949 bp

 RefSeq ORF:
 1224 bp

 Locus ID:
 158809

 UniProt ID:
 Q8N7X4

 Cytogenetics:
 Xp21.3

**MW:** 44 kDa

**Gene Summary:** This gene is a member of the MAGEB gene family. The members of this family have their

entire coding sequences located in the last exon, and the encoded proteins show 50 to 68% sequence identity to each other. The promoters and first exons of the MAGEB genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. This gene is expressed in testis, and in a significant fraction of tumors of various histological types. The MAGEB genes

are clustered on chromosome Xp22-p21. [provided by RefSeq, Jul 2008]