

Product datasheet for **RG214851**

MAGED1 (NM_006986) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGED1 (NM_006986) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MAGED1
Synonyms:	DLXIN-1; NRAGE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG214851 representing NM_006986
 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RG214851 representing NM_006986
 Red=Cloning site Green=Tags(s)

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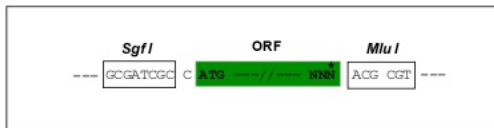
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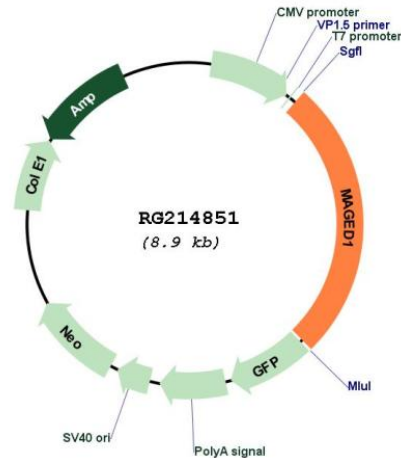
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:


ACCN: NM_006986

ORF Size: 2334 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: [NM_006986.4](#)

RefSeq Size: 2760 bp

RefSeq ORF: 2337 bp

Locus ID: 9500

UniProt ID: [Q9Y5V3](#)

Cytogenetics: Xp11.22

Domains:	MAGE
Protein Families:	Druggable Genome
Protein Pathways:	Neurotrophin signaling pathway
Gene Summary:	<p>This gene is a member of the melanoma antigen gene (MAGE) family. Most of the genes of this family encode tumor specific antigens that are not expressed in normal adult tissues except testis. Although the protein encoded by this gene shares strong homology with members of the MAGE family, it is expressed in almost all normal adult tissues. This gene has been demonstrated to be involved in the p75 neurotrophin receptor mediated programmed cell death pathway. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p>