

Product datasheet for MR226051

Magi1 (NM_001083321) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Magi1 (NM_001083321) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Magi1
Synonyms:	AIP3; Baiap1; BAP1; Gukmi1; Magi-1; MAGI1c; mKIAA4129; TNRC19; WWP3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR226051 representing NM_001083321 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

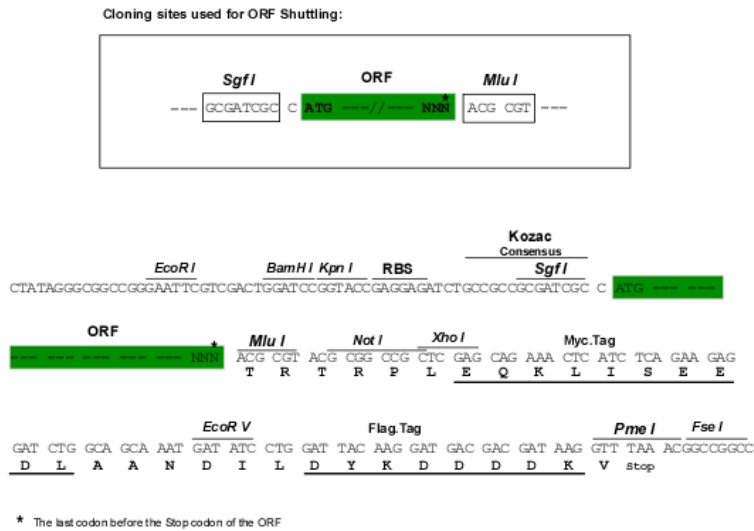
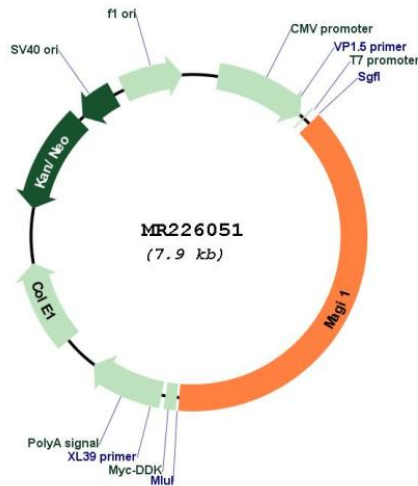
>MR226051 representing NM_001083321
 Red=Cloning site Green=Tags(s)

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 NLGPLPENWEMAYTENGEVYFIDHNTKTTSWLDPRLNKQKPLEEDEDGVTHEELDSELELPAGWEK
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 EPARETPLQGKPFTRNPSELKGF IHTKLRKSSRGFGFVVGGDEPDEF LQIKSLVLDGPAALDGKMET
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 ELIKNGGRRVRLFLRRGDGVSPEYGGSNYENIPSFPGMTP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001083321

ORF Size: 3060 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:	<ol style="list-style-type: none">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_001083321.2</u> , <u>NP_001076790.1</u>
RefSeq Size:	4969 bp
RefSeq ORF:	3063 bp
Locus ID:	14924
Cytogenetics:	6 D1
MW:	111.2 kDa
Gene Summary:	May play a role as scaffolding protein at cell-cell junctions. May regulate acid-induced ASIC3 currents by modulating its expression at the cell surface.[UniProtKB/Swiss-Prot Function]