

Product datasheet for MC224529

Magi1 (NM_001029850) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Magi1 (NM_001029850) Mouse Untagged Clone
Tag: Tag Free
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
Fully Sequenced ORF: >MC224529 representing NM_001029850
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCAAAGTGTCCAGAAGAAGAACCCTGGACTGGCCGCGTTACGAGTGCACCGTGAAGCGGGGAC
 CCCAGGGCGAGCTGGGGGTGACGGTCTGGGGGCGCGGAGCATGGGAGTTTCCGTACGTGGGGCGGT
 GCGCGCGCCGAGGCGGGGGTTCGCCGCGGTGGCGAGGGGCCGAAGCTGGCCGAAGGTGAGCTGCTG
 CTGGAGGTGCAGGGGGTCCGGGTGTCCGGCTTGCCCGCTATGACGTGCTGGGAGTCATCGACAGCTGCA
 AGGAGGCCGTACCTTCAAAGCCGTGAGACAAGGAGGAAGGCTCAACAAGGACCTACGACATTTCTCAA
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 CCAGGACGAGCACACTCTCCAAGAAGCAACGCTCCCGCTGTGAATAGTATCATCCTCGCTGCCATC
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 ACGGAAAAGCAGCCGAGGCTTTGGCTTACGGTGGTGGAGGAGACGAGCCTGATGAGTTCCTGCAGATC
 AAGAGCCTCGTCTCGATGGTCTGCCGACTGGATGGCAAGATGGAGACAGGGGATGTAATTGTGAGTG



TGAATGACACCTGTGTTTTGGGACACACACATGCTCAAGTTGTGAAAATCTTCCAGTCCATTCCCATTGG
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 CCAGAGCTAATAACTGTTACATAGTCAAAGGGCCAATGGGATTGGCTTTACGATCGCAGACAGTCCCG
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 CGCTGGGTGCTGCTGACACAGACGGCCGCTGAGGTCTGGAGATGAATTAATCTGTGTGGATGGGACACC
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 CTCACAGTGAAGCGGAAAGTGGTCTTTGCCGTCCCAAAGCAGAGAATGAGGTGCCCTCACCAGCCCTCAT
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 TCTGAACACTGTGAGCTCTGGCAGCGGCAGCACCAGTGGCATTGGCAGTGGTGGCGGGGGGACAGCGGT
 GTGGTGAAGCGTGTGCTGCAGCCCTATGATGTGGAGATTGGCGTGGGGAGAACGAGGGCTTTGGTTTTG
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 TGACCGCTGTGGCAAGTGAAGTAGGAGACCCGATCTTGGCAGTAAATGGATGTTCCATCACAAACAAA
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 AAACACTCTCGGCCATAGAAGTATCAAGAATGGCGCCGAGGGTCCGTCTGTTCTGCGCGGGGGAG
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 CACAAATCATACAACATGCCGAAAAGCGAGCAGCAGCGAAGGATCCAAAAGGCAACAGGGAGCAGCAGCA
 AACAAACCAACGAACATCACACCTGGAATGGAACCTTCTAGAAAACAGGACAGCGGGGCATGCCGGCCAA
 AGACCGGCCACCCGACGCATGGAGAGAGGGCAGCCAGAGCGGACAGCCACCAATGGTTCAAAGAGGAGG
 TCACCGGAGAAGCGCAGGGAAGGCACCCGACGCTGACAACACTTTGAAAGAAGGGAGAAGCATGAGA
 AGAGAAGAGAGATATCTCCGAGAGGAAGCGAGAGCGTTACCCACCCGGAGAAAAGATAGTCCCCGAG
 CCGCCGGCGAGGTCCCTCGAAAGACTCTGGATCAAAGACGGTCCCCAGAGCGCAGAAGAGGGGGCTCC
 CCCGAGAGGAGAGCCAAATCCACCGACAGGAGGGGCCAGGTCCCCTGAGCGCAGGCAGAGCGGTAC
 TGGACAAAAGGAACCGGGACGACAAGTTGGCCACCGAGAAAAGAGAGGAGGCTGGTCTGAAGCTGGAAGC
 GGGGAGAAGCCCGAAATCCCCAGAGCAGAGAAGGCGGCCTTACAAAGAATGTAGCACCGACCTCAGC
 ATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001029850
Insert Size: 4416 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001029850.4</u> , <u>NP_001025021.1</u>
RefSeq Size:	7806 bp
RefSeq ORF:	4416 bp
Locus ID:	14924
UniProt ID:	<u>Q6RHR9</u>
Cytogenetics:	6 D1
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] Transcript Variant: This variant (3) encodes the longest isoform (c). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.