

## Product datasheet for **MC229599**

### Magi1 (NM\_001286784) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Magi1 (NM\_001286784) 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:** >MC229599 representing NM\_001286784  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGAAAGTGATCCAGAAGAAGAACCCTGGACTGGCCGCGTTACAGAGTGCACCGTGAAGCGGGGAC  
CCCAGGGCGAGCTGGGGGTGACGGTCTGGGGGCGCGGAGCATGGGGAGTTCCGTACGTGGGGCGGT  
GGCGGCGCCGAGGCGGGGGGTTCCCGCGGTGGCGAGGGGCCGAAGCTGGCCGAAGGTGAGCTGCTG  
CTGGAGGTGCAGGGGGTCCGGGTGTCCGGCTTGCCCGCTATGACGTGCTGGGAGTCATCGACAGCTGCA  
AGGAGGGCCGTACCTTCAAAGCCGTGACACAAGGAGGAAGGCTCAACAAGGACCTACGACATTTCTCAA  
CCAACGGTTCCAGAAGGGGTCTCCAGATCATGAGCTCCAGCAGACCATAAGGGACAACCTTACCGCCAT  
GCTGTGCCTTGACAACCCGGTCTCCAGAGAAGGAGAAGTGCCTGGTGTGGATTACAGCTTTCTGACTG  
TGAAGGAGTTCTTGACCTCGAGCAGAGCGGGACCCTGTTGGAAGTCGGCACCTATGAAGGAACTATTA  
TGGGACACCCAAACCTCTAGCCAGCCAGTCAGTGGGAAAGTATCAGCAGGATGCCTTGACAGCCTG  
CAGTCTGGCTCCAAGCAGTCGACCCCTAAGCGAACAAGTCTACAATGATATGCAAAATGCTGGCATAG  
TCCACCCGGAGAATGAGGAGGAGGAGTGTCCCTGAAATGAACAGTAGCTTTACAGCCGACTCTGGAGA  
CCAGGACGAGCACACTCTCCAAGAAGCAACGCTCCCGCCTGTGAATAGTAGCATCCTCGCTGCCATC  
ACGGACCTTCTCAGAAGTTCCTCAGTACCTACCTCTTTCTGACAGGATAAATTTAGTCTCTACCTG  
AAAAGTGGGAGATGGCCTATACTGAAAATGGAGAAGTCTATTTATAGACCACAACAGAAAACAACATC  
ATGTTAGACCCTCGGTGCCTGAACAAACAGCAGAAGCCTCTGGAAGAATGTGAAGATGATGAGTTGCC  
GCTGGCTGGGAAAAGATTGAAGACCCTGTCTACGGTGTCTACTATGTAGACCACATCAACAGGAAGACGC  
AATATGAAAACCCAGTCTAGAAGCCAAACGGAAGAAACAGCTTGAACAGCAGCAGCAACAGCAGCAGCC  
TCAGCCACCGCAGCCAGAAGAGTGGACAGAGGATCATGCATCTGTTGTGCCTCCTGTTGCTCTCCAT  
CCCCGAGCAATCCGGAGCCAGCCAGGAACTCCAATTCAGGGCAAACCTTTTTTACAAGAAACCCCT  
CTGAGCTGAAAGCAAGTTCATTCACACGAAGCTACGGAAGAGCAGCCGAGGCTTTGGCTTACGGTGGT  
TGGAGGAGACGAGCCTGATGAGTTCCTGCAGATCAAGAGCCTCGTCTCGATGGTCTGCCGCACTGGAT  
GGCAAGATGGAGACAGGGGATGTAATTGTGAGTGTGAATGACACCTGTGTTTTGGGACACACACATGCTC



[View online >](#)

AAGTTGTGAAAATCTTCCAGTCCATTCCCATTGGTGCCAGTGTGGACCTTGAACCTGCAGAGGTTATCC  
 ATTGCCTTTTGACCCGGATGACCCTAATACAAGTTTAGTGACCTCGGTGGCCATTTTGGACAAAGAACCA  
 ATTATTGTAATGGACAAGAGACCTACGATTACCAGCGAGCCACAGTAGTAAAAACAGGCAAAGTCAGCA  
 GCATGAAGGATGCCAGGCCAAGCAGCCCTGCTGATGTGGCTTCCAACAGCTCTCATGGTTATCCCAACGA  
 CACAGTCTCCTTGGCTTCTCCATAGCCACCCAGCCAGAGCTAATAACTGTTACATAGTCAAAGGGCCA  
 ATGGGATTTGGCTTTACGATCGCAGACAGTCCCCTGGGGTGGCCAAAGAGTGAACAGATTGTTGACA  
 GTCCACGCTGCAGAGCCCTCAAAGAAGGGGATCTTATCGTGGAGGTGAATAAGAAGAAGCTGCAGGCCCT  
 GACGCACAATCAAGTCGTGGATATGCTGATTGAATGTCCCAAGGGAAGTGAGTCAACTGTTGGTGACG  
 CGAGGAGGGCTACCAGTTCCTCAAGAAGAGCCAAAGTCCGAGCCACTGGAGAGGAAAGACAGCCAGAATA  
 GCTCCCAGCACAGCGTCTCCAGCCACCGGAGCCTGCACACTGCGTCCCGAGCCACGGCATAACAGGTGCT  
 CCCTGAGTACCTACCTGCAGACGCCCTGCTCCAGATCAGACCGACAGCTCTGGGAGAAAAAGCCAGAT  
 CCTTTTAAAATCTGGGCCAGTCCAGGAGCATGTATGAAAACCGACCTATGTCACCTTCGCTGCATCAG  
 GATTGAGCAAGGGTGAAGAGACAGAGAAATCAATCCACGAATTTGGAGAATGCAGATTCCAGATTA  
 CCAGGAACAGGACATCTCCTCTGGAGAAAAGAAACCGGATTTGGATTTAGGATTCTGGGTGAAATGAA  
 CCAGGGGAACCCATTTATATCGGTACATCGTACCGCTGGGTGCTGCTGACACAGACGGCCGCTGAGGT  
 CTGGAGATGAATTAATCTGTGTGGATGGGACACCAGTAATTGGGAAATCACACCAGCTCGTGGTCCAGCT  
 TATGCAACAAGCTGCCAAGCAAGGCCATGTCAATCTCACAGTGAAGCGGAAAGTGGTCTTTGCCGTCCTCC  
 AAAGCAGAGAATGAGGTGCCCTCACCAGCCTCATCACACCACAGTAGCAACCAGCCCGCTCCCTGACGG  
 AGGAGAAAACGCACACCGCAAGGCAGCCAGAACTCTCTGAACACTGTGAGCTCTGGCAGCGGCAGCACCAG  
 TGGCATTGGCAGTGGTGGCGGGGGCAGCGGTGGTGAAGCGTGTGCTGCAGCCCTATGATGTGGAG  
 ATTCGGCGTGGGAGAACGAGGGCTTTGGGTTTGTATCGTGTCTCCGTGAGCAGACCCGAAGCGGGCA  
 CAACCTTCGGCAATGCATGTGTGGCTATGCCTCACAATAAGTTCGGATTATTGAGGGGACCCCTGCTGA  
 CCGCTGTGGCAAGCTGAAAGTAGGAGACCGGATCTTGGCAGTAAATGGATGTTCCATCACCAAAATCC  
 CATTCTGACATTGTCAACCTAATCAAAGAAGCGGGCAACACAGTACTCTCCGCATCATCCCGGGGATG  
 AGTCTCAAATGCCACGCTGCTGACTAATGCTGAGAAGATTGCCACCATCACCACACTCATGCCCCCTC  
 TCAGCAGGGGACCCAGGAAAAGGACCACCACCAAAAGCAGGATTCTCAGTTTGAAGTTCAAAGGA  
 CCGCAGGCTGCACAGGAGCAAGATTTCTACACTGTGGAATTGAAAGAGGGGCAAGGGATTTGGCTTTA  
 GTCTTCGAGGGGGCCGAGAATATAACATGGATCTTTATGTTCTGCGCTTGGCAGAGGATGGTCTGCAGA  
 AAGATGTGGGAAGATGAGGATTGGCGATGAAATCTAGAGATCAATGGTGAGACCACCAAAACATGAAA  
 CACTCTCGGGCCATAGAAGTATGACCCAGCAGCGACAGGAACGGCCCTCCACCGGTGACAAGGTGTTCCGGA  
 GCTCAGTCCAGAAATATGACCCAGCAGCGACAGGAACGGCCCTCCACCGGTGACAAGGTGTTCCGGA  
 AGTGAGGCGGGGCCAGACCACAGACCGCATCCAGCCTTGGAGTCCAGTTACCCACCCGAATTCAC  
 AAATCATCACAACATGCCGAAAAGCGAGCACACCGGAAGGATCCAAAAGGCAACAGGGAGCACAGCAAAAC  
 AACCCAACGAACATCACACCTGGAATGGAATTTAGAAAACAGGACAGCGGGGCATGCCGGCCAAAGA  
 CCGGCCACCCGACGATGGAGAGAGGCGCAGCCAGAGCGGACAGCCCAATGGTTCAAAGAGGAGGTCA  
 CCGGAGAAGCGCAGGGAAGGCACCCGACGCTGACAACACTTTGGAAAGAAGGGAGAAGCATGAGAAGA  
 GAAGAGAGATATCTCCGAGAGGAAGCGAGAGCGTTACCCACCCGAGAAAAGATAGTCCCGAGCCG  
 CCGCGGAGGTCCCTCGAAAGACTCCTGGATCAAAGACGGTCCCAGAGCGCAGAAGAGGGGGCTCCCC  
 GAGAGGAGAGCCAAATCCACCGACAGGAGGGCCAGGTCCCCTGAGCGCAGGCGAGAGCGGTCACTGG  
 ACAAAGGAACCGGACGACAAGGTTGGCCACCGAAGAGAGAGGAGGCTGGTCTGAAGCTGGAAGCGGG  
 GAGAAGCCCCGAAATCCCCAGAGCAGAGAAGGCGCCTTCAAAGAATGTAGCACCGACCTCAGCATC  
 TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001286784  
**Insert Size:** 4413 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001286784.1</a></u> , <u><a href="#">NP_001273713.1</a></u>
<b>RefSeq Size:</b>	7803 bp
<b>RefSeq ORF:</b>	4413 bp
<b>Locus ID:</b>	14924
<b>Cytogenetics:</b>	6 D1
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (5) lacks an alternate in-frame exon in the 5' coding region and uses an alternate in-frame splice site in the 3' coding region, compared to variant 3. It encodes isoform e, which is shorter than isoform c.</p>