

Product datasheet for **SC216978**

MAGI3 (NM_001142782) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAGI3 (NM_001142782) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAGI3
Synonyms:	dj730K3.2; MAGI-3
ACCN:	NM_001142782
Insert Size:	1939 bp



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Insert Sequence: >SC216978 3'UTR clone of NM_001142782
 The sequence shown below is from the reference sequence of NM_001142782. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACTATTGGTATGGCTGAGAAACGGCAGTAACTTTAGTATAAAACAAGAAAAACAAGTTGTAATCTTT
TCTTACAGCAGCATTTTTCCAGAAAAAGCCTTTTTTTTTTTTTTTCAGATATTCTGAAACAGATAAGTACA
TGTTAATGTGAGCCTCAAGTTACCTAGGCTGCATGAAGGGCCTTTAGGATTGCTAAGAACCAACTGTCC
CCCTGGCCGGCTGCCCTCCCTCGCTCTCAGGAAGGAGCTGCATCCACATGCTCATCTGACCCGCCCTGC
TCAGGCTGCCAGCTCGTCTTATGAGTGTCTGAACAAATGACATATGTTGATATTAACAATGTGGTCA
CAACTCACTTTGTATTTGTGCCAAGTTATCTACTGTATCATGTCTGTTTTATCCTTTTTGTTCAGCTG
TTTCCACAGTAATGAAAAAGTTAGTTTTGGCTTGAAGTTGATGATCTCAATAGCATGTTGCATGTTTA
CAGAGAGAAATATGTGAGTCCTTGCAGAAGAAGAGACTGTTAACTCATCGTTAAAGATGGCCGTTGTCT
CTTCTAACAGCTACTGATGATGTCCACTTTAAAATAAAAACCCCAACATCACTACTTTAAGGAAAA
AAAAAATGTAGTCCAATATTGATGCTTTCTTATGGCTTTTTATTTAATTTGGCTGGATAAGTTGTTTC
AAATAACTGTTAAAGATATTACTTACAATTGAATGTTGAAATAAGAAAGTACTTTAAGCAATAGAGTT
CATCTCCTGCTGTGTTATCCAACCTCGATGTATACTTACAGCATCTCAGGTCACCCTTTTTATTTAGT
TATTTAATTATGAAACATAAAGAAGCATGTGGAAATAGTGTATTGCTCTTTGAAGAAAAACCA
ACTATTTCTGGATATTTGGCTGTACCTACTACTAAAGTCATTAGTCTTTAATACATAATACATATTTG
AAAAGTAAACATATTATATAGATTATGTGAGGGACTTAATCATGAAACCAGTTTCACAGTCCAAGTACC
AACTCTTCTGGTAGCAGGTGACAAGCTTGGGTGTTAAAAACAACCTGTGTAGGTATGCCAGCAAA
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ATTTAAAAACAAGAAAGGAGACTAAACATCTGCTTAACTTGTACACATTTTCAGAACTTTTTAAAA
GTCTAGTTAAAGATGTTTCTTAGAAGTTGGAGACTGTTAACTTCCATAAAATAGATCCAGGTTTTT
CAGTTCCTGAAGCAGCATTAGTAGCATCTATAAATAAGGCACCTTCTGAGAATAAACTATTTT
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CCTTCCCTCTGGAGTCTGACTGTGAACTCTTAAACCAACAACCTCAATTAGCCCTGTAGATAAGAC
ATGCTTCCAGAGTGAGATTTTTGAAATCCCTTTTCATCCAGAATAATTTACCCACCTATTGTAAC
TATTCAAATAGAGCAAAATTAGGAGCTTGATAAATACTAAGAATTTAGTACCACAGAAATATTTATT
ATTTCCCTGTAGTCCACAATTAGTGATAACGAATCCTATTTTTGTTAACTGTGACATAACTTTGATGT
CATATGTTGCTCCTATGTGGTTCTTCTAAGTAACTCTGTACTGATTATATACTGACTTAGCAATGTGG
CCTTGGAAATGCTGAGCAAAATGTGGATGTACTGGTTGAAATGTTTATATATTGTACAGTACCTTTATA
TATACACTTGAGGTTCTGATTAGAGAAAGATCTGTAATTGCTCATTATTTTTTATAGATATTTAAA
AAAAACA
ACGCGTAAAGCGCCCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001142782.2](#)

Summary:

Acts as a scaffolding protein at cell-cell junctions, thereby regulating various cellular and signaling processes. Cooperates with PTEN to modulate the kinase activity of AKT1. Its interaction with PTPRB and tyrosine phosphorylated proteins suggests that it may link receptor tyrosine phosphatase with its substrates at the plasma membrane. In polarized epithelial cells, involved in efficient trafficking of TGFA to the cell surface. Regulates the ability of LPAR2 to activate ERK and RhoA pathways. Regulates the JNK signaling cascade via its interaction with FZD4 and VANGL2.[UniProtKB/Swiss-Prot Function]

Locus ID:

260425

MW:

74.5