

Product datasheet for **SC123333**

MAGEB18 (NM_173699) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | MAGEB18 (NM_173699) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | MAGEB18 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for NM_173699 edited
AATGTGGGCGTGGCCGGACATGTTTCTCTTGACCTATCTTCCACATCATCAAGCTGTTAC
GGGCGAAACCTTGGTCTGAAACATGCGGCCAGAGAAAATAATCTCAGGATCCGGCAGGTG
TCAAAGGTGCCCTCTTCAATCAATCAACTGCCTGCACTATTGTCTGTAGTCCCTGACAAG
AGTAATTATGCCTCGAGGTGAGAAGAGTAAGCTCCGTGCCCGTGAGAAACGCCACCAGGC
TCGTTGTGAGAATCAGGATCTGGGAGCTACGCAGGCCACTGTGGCAGAAGGAGAGTCAAC
CTCCTCTGCCTATCTTCTCTTTGGTGACAGACCCAGAATTTGCCTGCTGCTGAGACACC
TAGCATCCCTGAAGCGCTTCAGGGAGCCCATCCACCACCAATGCTATTGCACCTGTTTC
ATGCAGTTCAAATGAAGGTGCCAGCAGCCAAGATGAGAAAAGTCTAGGTTCTCAAGGGA
AGCTGAGGGCTGGAAAGAAGATCCTTTAAACAAGAAAGTGTGTCGCTGGTGCATTTCTT
GCTTCAGAAGTATGAAACGAAAGAGCCAATTACAAAGGGAGATATGATAAAGTTTGTAT
CAGGAAGGATAAGTGTCACTTCAATGAGATCCTCAAGAGAGCCTCTGAGCACATGGAGCT
GGCACTTGGTGTGATTTGAAGGAAGTGGATCCCATCAGGCACTACTATGCCTTTTTTCAG
CAAATTAGACCTCACCTATGATGAAACAACCAGTATGAAGAAAAAATCCCAAGACTGG
CCTCCTGATGATTGCACTGGGTGTGATCTTTCTGAATGGCAACCGTGCCCGAGAAGAGGC
AGTCTGGGAAATTATGAATATGATGGGTGTATATGCTGATAGGAAGCACTTCTCTATGG
GGATCCCAGGAAGTTCATGACCAAAGATTTGGTGCAGCTAAAGTACCTGGAGTACCAGCA
AGTGCCCAACAGTATCCTCCACGCTATGAATTCCTGTGGGGTCCAAGAGCTCACGCTGA
AACTAGCAAGATGAAAGTCTGGAGTTTGTAGCCAAGATACATGATACCGTCCCTAGTGC
CTTCCCATCCTGCTATGAAGAGGCTTTGAGGGATGAGGAACAGAGAACCAAGCCAGAGC
TGCAGCCAGGGCTCATACTGCTGCCATGGCAAATGCACGTTCCAGAACCACGTCTAGCAG
CTTCTCCCATGCTAAGTAAAATCTGAGGCTTGTCTTCACTTTTTGGTCGAAAAGGTTAC
ATTTCAAATGTTCAAGTCTGAAGATTGTTTTCTTTGTGGAAGAGAAGCAGTCAACATT
CTAAGTAGTGAATGGCCAGAGTGCCTCTGGAGGGAACACGGCATATATCATTTTTGTGTTA
ATAGTCTATAGTAACTCGGAGTTGTATCTTTTTCTTTCTTTTTTTTTTTGGTGTATATTT
CAAATGTTGTTGCTTATAATAGAAGTTTTAGATAAAGTTCAGAATCTATATTTATTAATGA
CTTTGGTTACACACGATTTGCTATTTAAGAGTAGGAGTTTTATTGTTCTGTAAAACAAAT
TGGGAAACCTTCTTTCATATTTAATGAGCCAGAACAAAGGAAACACAGTATTGGAATAGGT
ATTTCTTAAAAAATGTGAGATGATTTAGCAGTAAAATTTGGAGATCAAACATAGGTG
AGAAAAAGTAAACTTTTCAGTTCTTGGTTTTCTTTTTCCATTTTAGTCTGTTATATAAAA
ATAAAAGTCATACCTGGATTGGCTTAGTTTACTGAAGAAGGTAGGAAGAAATAAAATGTT
TATGAACCAGCGAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_173699 unedited
CGTTAGCATTTGTNAAACGACTTACTATAGGGCGGCCGATAACTTCGTATAGCATAACAT
TATATGAAGTTATGGATCAAGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAATGT
GGGCGTGGCCGGACATGTTTCTCTTGACCTATCTTCCACATCATCAAGCTGTTACGGGCG
AAACCTTGGTCTGAAACATGCGGCCAGAGAAAATAATCTCAAGATCCGGCAGGTGTCAA
GGTGCCCTCTTCAATCAATCAACTGCCTGCACTATTGTCTGTAGTCCCTGACAAGAGTAA
TTATGCCTCGAGGTGAGAAGAGTAAGCTCCGTGCCCGTGAGAAACGCCACCAGGCTCGTT
GTGAGAATCAGGATCTGGGAGCTACGCANGCCACTGTGGCAGAAGGAGAGTCAACCCTCT
CTGCCTATCTTCTCTTTGGTGACAGACCCAGAATTTGCCTGCTGCTGAGACACCTAGCA
TCCCTGAAGCGCTTCAAGGAGCCCCATCCACCACCAATGCTATTGCACCTGTTTCATGCA
GTTCAAATGAAGGTGCCAGCAGCCAAGATGAGAAAAGTCTAGGTTCTCAAGGGAAGCTG
ATGGCTGGAAAGAAGATCCTTTAAACAAGATAGTGTGTCGCTGGTGCATTTCTTGTCTC
AGAAGTATGAAACGAAAGAGCCAATTACAAAGGGAGATATGATAAAGTTTGTATCAGG
AAGGATAAGTGTCACTTCAATGAAATCCTCAAGAGAGCCTGAAACCCATGGAGCTGGCC
CTTGGTGGTTGATTTTGAAGAAATGGATTCCATTCAAGCACTACTATGCCCTTTTCCACA
AATTAACCCACCTAGATGAAACAACAAGGGATAAGAAAAAATCCCAAGACTGTCCACC
GAAGAATGCCCGGGGGGACTCCTTCTGAAGG

Restriction Sites: Please inquire

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| ACCN: | NM_173699 |
| Insert Size: | 1827 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: | NM_173699.1 , NP_775970.1 |
| RefSeq Size: | 1827 bp |
| RefSeq ORF: | 1032 bp |
| Locus ID: | 286514 |
| UniProt ID: | Q96M61 |
| Cytogenetics: | Xp21.3 |
| Gene Summary: | May enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex.[UniProtKB/Swiss-Prot Function] |