

## Product datasheet for **SC306846**

### **MAGEB6 (NM\_173523) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MAGEB6 (NM_173523) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEB6
Synonyms:	CT3.4; MAGE-B6; MAGEB6A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_173523 edited  
 AATAAAGGGGTCTGAGCCGGTCGCCTGAGTCTGAAAAGTCTGTACGTCAGCGGAAGGA  
 GGCGTCCCAGATCTTCTCAGCTGTCTTGGTGCCAGCCTTCTAGTCTTCTACCCACACT  
 CCTACCTGCTGTACAGGCCACAGCCATCATGCCTCGGGGTACAAAGAGTAAGTCCGTA  
 CCTGTGAGAAACGCCAAGAGACCAATGGTCAGCCACAGGGTCTCACGGTCCCCAGGCCA  
 CTGCAGAGAAGCAGGAAGAGTCCCCTCTTCTCATCTTCTCTCGCGCTTGTCTGGGTG  
 ATTGTCGTAGGTCTTCTGATGCCTCCATTCCCTCAGGAGTCTCAGGGAGTGCACCCACTG  
 GGTCTCCTGATGCAGTTGTTTCATATTCAAAATCCGATGTGGCTGCCAACGGCCAAGATG  
 AGAAAAGTCCAAGCACCTCCCGTGATGCCTCCGTTCTCAGGAGTCTCAGGGAGCTTAC  
 CCACTGGCTCTCCTGATGCAGGTGTTTCAGGCTCAAATATGATGTGGCTGCCAACGGCC  
 AAGATGAGAAAAGTCCAAGCACTTCCCATGATGTCTCCGTTCTCAGGAGTCTCAGGGAG  
 CTTACCCACTGGCTCGCTGATGCAGGTGTTTCAGGCTCAAATATGATGTGGTGCCG  
 AGGGTGAAGATGAGGAAAGTGAAGCGCCTCACAGAAAGCCATCATTTTTAAGCGTTAA  
 GCAAAGATGCTGTAAGAAGAAGGCGTGCACGTTGGCGCAATTCCTGCAGAAGAAGTTG  
 AGAAGAAAGAGTCCATTTTGAAGGCAGACATGCTGAAGTGTGTCGAGAGAGTACAAGC  
 CCTACTTCCCTCAGATCCCAACAGAACCTCCCAACATTTGGTGGTGGCCTTTGGCGTTG  
 AATTGAAAGAAATGGATTCCAGCGGCGAGTCTACACCCTTGTCAAGCAAGCTAGGCCTCC  
 CCAAGTGAAGAAATCTGAGTGGTGATAATGCGCTGCCAAGTCCGGTCTCCTGATGTCGC  
 TCCTGGTTGTGATCTTCAATGAACGGCAACTGTGCCACTGAAGAGGAGGTCTGGGAGTTCC  
 TGGGTCTGTTGGGGATATGATGGGATCCTGCATTCAATCTATGGGGATGCTCGGAAGA  
 TCATTACTGAAGATTTGGTGCAAGATAAGTACGTGGTTTACCGGCAGGTGTGCAACAGTG  
 ATCCTCCATGCTATGAGTTCCTGTGGGGTCCACGAGCCTATGCTGAAACCAAGATGA  
 GAGTCTGCGTGTTTTGGCCGACAGCAGTAACACCAGTCCCGTTTATACCCACATCTGT  
 ATGAAGACGCTTTGATAGATGAGGTAGAGAGAGCATTGAGACTGAGAGCTTAAGGCAGGG  
 CTGGCACTATTTCTTGGCCAGGACCTTATGGGGCCATATCCTACAGATCCTCCATT  
 TCTAGGGAGGTCTGAAGTAGAATTTTCACTTTATGTTAGAAGAGAGTAGTGAGCTTTCTA  
 AGTAGTGCAATAGTAGAGGCTGGAGGGAACAAGATATGATCTTTCTTTTGTCTTGT  
 ACACATGAGTAACCTGCAGATTTATGTTTATCTCTGTCAGTTATCAACATTGTTCTGT  
 TAAGTGAAGGTTTATTTGCTTCAAGATTATACAATTATCAATAACATAGCTCTCACATTC  
 ATGGCTGTTTAAACCAATCTGAAAGTTACGGTTTGGGAATTAATAAAACAAAGTCATACAA  
 CACATTTCTTTGTAATTGAGAAGTACGATTAACATGGTAACAGAGAATTGATTTTCATATG  
 AATCTTAACTCCACAGTAAAATAGTTGACATCATAATATGAAGAGAAAGAAAGGAAAAA  
 CAGAAATGAAAAGTTGTTAATTCTTGGTTTGCCTAATTCGTTTTCTATTTCTTTTCA  
 TACAAATAAAGGATACCTGGATTATTTAGGTTATTAATAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_173523

**Insert Size:** 2000 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).

**OTI Annotation:** DNA sequence of ORF matches with NM\_173523.2.

**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:**

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\\_173523.2](#), [NP\\_775794.2](#)

**RefSeq Size:** 1949 bp

**RefSeq ORF:** 1224 bp

**Locus ID:** 158809

**UniProt ID:** [Q8N7X4](#)

**Cytogenetics:** Xp21.3

**Gene Summary:** This gene is a member of the MAGEB gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 68% sequence identity to each other. The promoters and first exons of the MAGEB genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. This gene is expressed in testis, and in a significant fraction of tumors of various histological types. The MAGEB genes are clustered on chromosome Xp22-p21. [provided by RefSeq, Jul 2008]