

## Product datasheet for MR223706

### Hmg20b (NM\_001163166) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hmg20b (NM_001163166) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hmg20b
Synonyms:	AW610687; BRAF35; Hmgx2; Hmgxb2; Smarce1r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223706 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCCACGGTCCCGGCAGCCAGGGCGAGCCACCGCACCTGCGGGAGGCAAGACTCCGGGCCAGCACG  
GGGCCTTTGTAGTGGCTGTCAAGCAGGAGCGCAGCGAGGGTTCCCGAGCTGGAGAGAAGGGGCCAGGA  
GGAGGAGCCAGTGAAGAAGCGAGGCTGGCCAAAGGCAAGAAAAGAAAGAAGATTCTCCAAATGGGCC  
AAGGCCCGTCACTGGCTATGTTTCGCTCCTGAATGAGAGCGGGAACAGATTCGCACCCGCCACCCGG  
ACCTTCCATTCCCGGAGATCACGAAGATGTTGGCGCCGAGTGGAGCAAGCTGCAGCCGGCAGAGAAGCA  
GCGGTACCTGGATGAGGCAGAGAAGGAGAAACAGCAGTACTTGAAGGAGCTGTGGGCATACCAGCAGTCA  
GAGGCCTACAAGGTCTGCACTGAGAAGATTCAAGAAAACAAAATTAAGAAAGAGGACTCCAGTTCTGGGC  
TCATGAACACCCTCCTGAATGGGCACAAGGGTGTGGACTGCGATGGCTTTTCCACCTTTGATGTGCCAT  
CTTACGGGAAGAGTTTCTGGACAAAACAAAGCACGCGAGGCAGAGCTGCGGCGCCTGAGAAAGATGAAC  
GTGGCCTTCGAGGAGCAGAATGCGGTGCTGCAGCGCCACACGCAGAGCATGAGCAGCGCGCTGAGCGTC  
TGGAGCAGGAGTTGGCGCTGGAGGAGCGGCGCACACTGGCATTGCAGCAGCAACTACAGGCCGTGAGGCA  
GGCGCTCACCGCTAGCTTCGCTCCCTGCCGTTGCCGGCACCGGGGAGACACCGACCCTCGGGACGCTG  
GACTTTTACATGGCGCGCTTTCATGGAGCCATCGAGCGGACCCCGCGCAGCAGCAGAGACTGATCGCGC  
CGCTCAAGGAGATCCTGGCGCGGTAGCCAGCGAGCACCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_001163166.1](#), [NP\\_001156638.1](#)

**RefSeq Size:** 1457 bp

**RefSeq ORF:** 954 bp

**Locus ID:** 15353

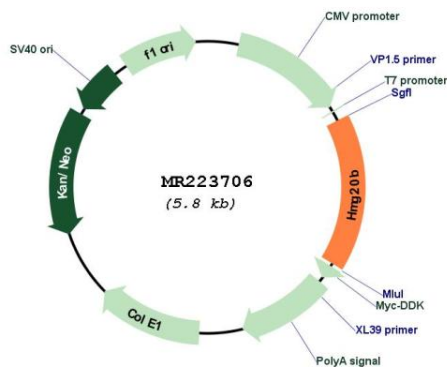
**UniProt ID:** [Q9Z104](#)

**Cytogenetics:** 10 39.72 cM

**MW:** 35.9 kDa

**Gene Summary:** Required for correct progression through G2 phase of the cell cycle and entry into mitosis. Required for RCOR1/CoREST mediated repression of neuronal specific gene promoters (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR223706