

Product datasheet for **MC203783**

Hmg20b (NM_010440) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hmg20b (NM_010440) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hmg20b
Synonyms: AW610687; BRAF35; Hmgx2; Hmgxb2; Smarce1r
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011334
GGCGCGGCTCCGGGACTCGATCTCGAACAAAGGATCGCGGGGCTCCTGCCCGAGGACCTCCCCGCC
CGGGATCCGCTCCCGATCCCGCCGGAGTGGCCATGTCCACGGTCCCGGCAGCCAGGCGCAGCCAC
CGCACCTGCGGGAGGCAAGACTCCGGGCCAGCACGGGGCTTTGTAGTGGCTGTCAAGCAGGAGCGCAGC
GAGGGTCCCGAGCTGGAGAGAAGGGGCCAGGAGGAGGCCAGTGAAGAAGCGAGGCTGGCCAAAG
GCAAGAAAAGAAAGAAGATTCTCCCAAATGGGCCAAAGGCCCGTCACTGGCTATGTTCTGCTTCTGAA
TGAGAGGCGGGAACAGATTGCGACCCGCCACCCGGACCTTCCATTCCCGGAGATCACGAAGATGTTGGGC
GCCGAGTGGAGCAAGCTGCAGCCGGCAGAGAAGCAGCGGTACCTGGATGAGGCAGAGAAGGAGAAACAGC
AGTACTTGAAGGAGCTGTGGCATAACCAGCAGTCAGAGGCTACAAGGTCTGCACTGAGAAGATTCAAGA
AAACAAAATTAAGGAGGACTCCAGTTCTGGGCTCATGAACACCTCCTGAATGGGCACAAGGGTGTG
GACTGCGATGGCTTTTCCACCTTTGATGTGCCATCTTACGGAAGAGTTTCTGGACAAAACAAAGCAC
GCGAGGCAGAGCTGCGGGCCTGAGAAAGATGAACGTGGCCTTCGAGGAGCAGAATGCGGTGCTGCAGCG
CCACACGCAGAGCATGAGCAGCGCGTGTGAGCGTCTGGAGCAGGAGTTGGCGCTGGAGGAGCGGCGACA
CTGGCATTGCAGCAGCAACTACAGGCCGTGAGGCAGGCGCTACCCGCTAGCTTCGCTCCCTGCCGTGC
CCGGCACCCGGGAGACACCGACCTCGGGACGCTGGACTTTTACATGGCGCGGCTTCATGGAGCCATCGA
GCGCGACCCCGCGCAGCACGAGAGACTGATCGCGCGCTCAAGGAGATCCTGGCGCGGTTAGCCAGCGAG
CACCTGTGACAGACCTCTGGACCAGGAGATGCCCTCCCCACCCGCCAGAAAGAAGCTACACCTTGGG
GTCTCCAGGCCCCCTCAAATGAAATCTCAACCGCATCCCTTTAGCTTGAACCCCATCCAGGTTGCAG
AGACCCGGGAGACTGCCCTGCCTCACAGGGAGGGTCACACTACAGTGGGTGAGAACAGAGGAGCCAAAGC
CGCTGGACTCGGATACCCACCCCTCACCCCTGGTGTGAGCAGGAGGACCCAGGTCGCTACCATACAG
CCAGGGGACCTGTGCGCAGGCGTGGCTAACCTGGCAGAGCCGGGTAGGGGTGGGGCAGTCCGACAGC
CCCTTCCCTGCGCTTTCATCACTCAATCTGGACTTTTAAATAAGTGTGAATAAAAACAAATGGGTTT
TCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_010440



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Insert Size:	954 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:	<u>BC011334</u> , <u>AAH11334</u>
RefSeq Size:	1511 bp
RefSeq ORF:	954 bp
Locus ID:	15353
UniProt ID:	<u>Q9Z104</u>
Cytogenetics:	10 39.72 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. All three variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>