

Product datasheet for **SC127219**

BRAF35 (HMG20B) (NM_006339) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRAF35 (HMG20B) (NM_006339) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRAF35
Synonyms:	BRAF25; BRAF35; HMGX2; HMGXB2; PP7706; pp8857; SMARCE1r; SOXL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127219 sequence for NM_006339 edited (data generated by NextGen Sequencing)

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ATGTCCCACGGCCCAAGCAGCCCGCGCGCCGCGCGCGCGGGCGGCAAGGCTCCG
GGCCAGCATGGGGCTTCGTGGTACTGTCAAGCAAGAGCGCGGCGAGGGTCCACGCGCG
GGCGAGAAGGGTCCCACGAGGAGGAGCCGGTGAAGAAACGCGGCTGGCCCAAGGCAAG
AAGCGGAAGAAGATTCTGCCAATGGGCCAAGGCACCGGTACGGGCTACGTGCGCTTC
CTGAACGAGCGGCGGAGCAGATCCGCACGCGCCACCCGGATCTGCCCTTCCCGAGATC
ACCAAGATGCTGGGCGCCGAGTGGAGCAAGCTGCAGCCAACGAAAAGCAGCGGTACCTG
GATGAGGCCGAGAGAGAAGCAGCAGTACATGAAGGAGCTGCGGGCGTACCAGCAGTCT
GAAGCCTATAAGATGTGCACGGAGAAGATCCAGGAGAAGAAGATCAAGAAAGAAGACTCG
AGCTCTGGGCTCATGAACACTCTCCTGAATGGACACAAGGGTGGGGACTGCGATGGCTTC
TCCACCTTCGATGTTCCCATCTTCACTGAAGAGTTCTTGGACAAAACAAGCGCGTGAG
GCGGAGCTTCGGCGCTTTCGGAAGATGAATGTGGCCTTCGAGGAGCAGAACGCGGTACTG
CAGAGGCACACGCAGAGCATGAGCAGCGCGCGAGCGTCTGGAGCAGGAGCTGGCGCTG
GAGGAGCGGAGGACGCTGGCGCTGCAGCAGCAGCTCCAGGCCGTGCGCCAGGCGCTCACC
GCCAGCTTCGCCTCACTGCCGTTGCCGGGCACGGGCGAAACGCCACGCTGGGCACTCTG
GACTTCTACATGGCCCGGCTTACGGAGCCATCGAGCGGACCCCGCCAGCAGCAGAGAAG
CTCATCGTCCGCATCAAGGAAATCCTGGCCAGGTCGCCAGCGAGCACCTGTGA

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Clone variation with respect to NM_006339.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006339 unedited GCCGCGAATTCGGCACGAGGTTTCTTTGGAGGTCCGGCCCGGAGCGGCCATGTCCCACGG CCCCAAGCAGCCCGCGCGCCGCCGCGCGCGCGGGCGGCAAGGCTCCGGGCCAGCATGG GGGCTTCGTGGTACTGTCAAGCAAGAGCGCGCGGAGGGTCCACGCGCGGGCGAGAAGGG GTCCCACGAGGAGGAGCCGGTGAAGAAACGCGGCTGGCCCAAGGGCAAGAAGCGGAAGAA GATTCTGCCGAATGGGCCAAGGCACCCGGTACGCGGCTACGTGCGCTTCTGAACGAGCG GCGCGAGCAGATCCGCACGCGCCACCCGGATCTGCCCTTCCCGAGATCACCAAGATGCT GGGCGCCGAGTGGAGCAAGCTGCAGCCAACGGAAAAGCAGCGGTACCTGGATGAGGCCGA GAGAGAGAAGCAGCAGTACATGAAGGAGCTGCGGGCGTACCAGCAGTCTGAAGCCTATAA GATGTGCACGGAGAAGATCCAGGAGAAGAAGATCAAGAAAGAAGACTCGAGCTCTGGGCT CATGAACACTCTCTGAATGGCACAAGGGTGGGGACTGCGATGGCTTCTCCACTTTCGAT GTTCCCATCTTCACTGAAGAGTTCTTGGACCNAACANAGCGCGTGAGGCGGAGCTTCNGC GCTTGCGAAGATGAATGTGCCCTTCGAGGAGCAGAACCGGTAAGTGCAGAGGCACACGC AGAGCATGA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' genomic read for NM_006339 unedited NATCTCTGAACCCGNCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTAAAAAC AAATTTTACTTGTTTTTATTTAAAAAGTCCGGATCCAGCAGTGAAGAAGGAGCCACCCCA CCAGGGTCCCTCGGCTGGAGGAGCAGGATGGGCAAAGCCGGCCCAACCCATCTGGGG TACAGGCATGCGGGGACACCCAGGTAAGTCCCAACAAGGCAGCTTCTGTGTGGCCTA TGGCACAGCCCCCGTAGTGAGTAATTTGGGGGTCTGCCGTGTCTGGGGTGGGTTT CGTCTGCCCTGTCTCTGGGGTGGCCCGAGAGCCAGTGTAGCGCGTGGCTGTCCTCCG AGGAAGGGCACCCCTCGGCTGTGAGGTTCTCTGGGTGTATCGCGCAGCGAGTGTCTTTTC CGGGTTACAGGGGCTGGGAGATTGAAAGCTAAAGGGATGCTGCAGAAATTTAATTTTAG GGGGGGCTGGAGCCCCAAGGTGCAGGATGGGACCAGGCCCAAAGGGTGGACTCCCAGC CTCTTTCCCGGGGTGTGGGTGGGACGCTCACCCCTTATTTTCTCCCCCCTTCTGTCC CTCCCCCTTCTTTCATGCGCTTCTCCACCCCTGGCCTTCTTCCCTTTTCGCCGCCAC GCCCTTCCCGTCTGCGGGCTTTCGTGTCCCGTTCACCCCTCGTATCCCTCTTTGTA TCCCTATCCTCTCTCTCCCTCCTTGTTCGCGCTCCCATTTCTGCATCCTTTTGT CTTGCCGTGCTGCTGTTTTTCCCATCCTAACGTCCTTCTGTTCCCCCCCCCTT CCCCCTCTGCTTCTCCCCACCGCTCGCCCCGATCTTCTGTCCCACTACCCCTT TCCCCACATATCCAACCTCCACCCCAATCCCAA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_006339
Insert Size:	1560 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>NM_006339.1</u> , <u>NP_006330.1</u>
RefSeq Size:	1232 bp
RefSeq ORF:	1026 bp
Locus ID:	10362
UniProt ID:	<u>Q9P0W2</u>
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome, Transcription Factors
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. [UniProtKB/Swiss-Prot Function]