

Product datasheet for **MC217237**

Smok3a (NM_001126045) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smok3a (NM_001126045) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Smok3a
Synonyms:	Smok2b1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217237 representing NM_001126045
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCCCTGGGAGTCAACAGAAGTCAGAAAAGCTCAGATCCAAGTCCCCTTTGGCTGACATGGATGGTT
 TGCATGCTCAATATGTGATGCTAGAGACTATCGGCCATGGAGGCTGTGCCACAGTGAAGCTGGCCAGCA
 CCGCCTCACAGGCACTCACGTGGCTGTCAAACGATTCGAAAGAGGGAGTATTGGTGCAACCGTGTCTATT
 TCTGAGGTAGAGTTACTGATGATGGCCGATCATCCGAATATCATCTCTCTCTCTCAAGTCAATTGAGACCA
 AGAAGAAAGTATACCTCATTATGGAGTTGTGCAAGGTAATCACTTTACCAACACATCCGAAAAGCTGG
 CTACCTGCAGGAGCATGAAGCACGCGCATTATTCAAGCAGCTCTTAAGTGTATGAACTACTGCCACAAC
 CAGGGTATAGTTCACAGGGACCTGAAACCGGACAATATCATGGTTGAAAAAGATGGGAAAGTGAAGATCA
 TTGATTTTGGACTCGGCACCAAAGTGAAGCCAGGGCAAAAACCTCAACTTATTCTGTGGGACTTACCATT
 TAGTGCTCCTGAGGTGCTCCTTAGCACACCCTATGATGGGCCAAGATCGATGTATGGACTTTGGAGTT
 GTGCTGATTTTATGGTAACTGGAAAGTCCCCTTTGATGCTTGCAGCATAAAAAAGCTGGTAAAGCGAA
 TTCTTGCAGGAAAGTATTCTATTCCCTCTAGACTGTCAGCAGAGCTCCAAGACCTGCTTAGTCTTTAAT
 GACGGCCAACCCAAACTCAGGCCCACTGTTGCTGAGGTTATGGTGCATCCCTGGGTACAGAAAGGCTCA
 GGGGTGTTCCAGATCCTTGTGAAGAACAGACCCCTCAAGCCAGACCTGCAATTGTAAGCAATGG
 GACATATCGGGTCCAAGCTCAAGATATTGAAGATTCGTTACGTACAGAGAAAATCAACCAACCATGGC
 GTCTTATTGTCTACTGAAAAACAGATTCTTAAGGAATGTGACAGGCCAACCCGGGCTAGGCCGTGAAC
 CCATCGGTGACCCATTCCCTCCCTTGTGATACTGCTACTACCCGTCTCGGACTTCGAGGAGAGAGA
 ATGAACCCACATGTCCCTGGTCATCCGCCAATAGGCAAGTGTCTGTCTGTGGCAAGAGTACTAGTAAGAA
 AAGAGACAGAAGAGTCAGTTGGCCAGTGTCTCGGCAGGCCACGCCACACGGCACCCACAATGGACCAC
 ACACGCACCCGTAAGGAGTGTACCCTGCATTTGCTCAATGTTTTGCACAGTCCAGCAAAACAGCAGCG
 AAGAGAGCACACAAGGCCACACCAGAGCCTCAGCAGCAGATAAGCCTGTCCACAGCAGGGGCTGGCCAG
 AGGCATCAAGGGCTGGACGAGGATGATAGGAAATGCGATGAGGAAGCTCTGTTGCTGATCCCATCCAAA
 GAGACATCTCACCTGGGCAGAACAGAGTCTCCCCAAAAA**TAA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001126045

Insert Size: 1515 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:

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_001126045.1](#), [NP_001119517.1](#)

RefSeq Size: 2160 bp

RefSeq ORF: 1515 bp

Locus ID: 545814

UniProt ID: [C0HKC9](#)

Cytogenetics: 5 G2