

Product datasheet for **MC217157**

Smok2a (NM_013741) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smok2a (NM_013741) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Smok2a
Synonyms:	Smok2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217157 representing NM_013741
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGTCTGGGAGTCAACAGAAGTCAGAAAAGCTCAGATCCAAGCCCCCTTCTCTGAAATGGAGA
 TTCATGCTCAATATGAGATGCTAGGGACTATTGGCCATGGAGGCAGCACAAAGGTGAAGCTGGCCGACA
 CCGCCTCACAGGCACCCACGTGGCTGTCAAATGATTCCAAAGAGGGAGTATTGGTGCAAACCTCTCATG
 TCTGAGGCAGAGTTACTGATGATGGCCGATCATCCGAATATCATCTCTCTCCTTCAAGTCATTGAGACCA
 AGAAGAAAGTATACCTCATTATGGAGTTGTGTGAGGGTAAATCACTTTACCAACACATCAGAAAACGCTGG
 CTACCTGCAGGAGGATGAAGCACGAGCATTATTCAAGCAGCTCTTAAGTGTATAAACTACTGCCACAAC
 CAGGGTATAGTTCACAGGGACCTGAAACCTGACAAATATTATGGTAGAAAAAGATGGGAGAGTAAAGATCA
 TTGATTTTGGACTTGGCATCCAAGTGAAGCCAGGGCAAAAATAAATTTCTGTGGGACTTACCCATT
 TAGTGCTCCTGAGGTGCTCCTTAGCAGACCCTATGATGGGCCAAGATCGATGTATGGACTTTGGAGTT
 GTGCTATACTTTATGGTAACTGGAAAGATCCCATTGATGCTGCCAGCATAGAAAAGCTGCGGAAGCAAA
 TTGTTGCAGGAAAGTATTCTGTTCCCTGTAGACTGTCAGTAAAGCTTCATCACCTGATTACTCTTTAAT
 GACAGACAACCTGAACTTAGGCCCACTGTTGCTGAAGTTATGATGCATCCCTGGGTACAAAAGGCTCA
 GGGGTGTTCCAGATCCTTGTGAAGAACAGATACCCCTCAAGCCAGACCTGCGATTGTAAGCAATGG
 GACATATTGGGTTCCAAGCTCAAGACATTGAAGATTCTTTACGTGAGAGAAAATCAACGAAACCATGGC
 ATCTTATTGTCTACTGAAAAACAGATTCTTAAGGAATGTGACAGGCCAATCCGGGCTCAGCCCATGAAT
 CCATCGGTGACCCATTCCCCTCCCTGTTGATACTCTACTTTCCATCTCGGACTTCGGAGGAGAGAGA
 CTGAACCCACGAGTCTCAGATTATCTGCTAATAGGCAAATGTCTGTCTGTGGAAGGAGTACTAGTAAGAA
 AAGAGACAGAAGTTTCAGTTGGCCCGGTGTTCTCAGCAGGCCGATTAACATAACACCCACAATGGACCAA
 ACACACACCTGTACTAGGAGTGTCCCTGCATTAACCTCAATTTTTGCATAATCCATCCAAAACAGCAGCG
 ACGAGAGTACAGAAGGCCACACCACTGCTCAGCAGAGGATAAGCCTGTCCGCAGCAGAGGCTGGCCAG
 AGGCATCAAGGGCTGGACTAGCAAGATAGGAAATGCGATGAGGAAGCTCTGTTGCTGTATCCCATCAAA
 GAGACATCTCACCTGGGCAGAGGAGAGTCTCCCCAAAAA**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_013741

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_013741.1](#), [NP_038769.1](#)

RefSeq Size: 1787 bp

RefSeq ORF: 1515 bp

Locus ID: 27263

Cytogenetics: 17 A1