

Product datasheet for **RN213354**

Smox (NM_001134854) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smox (NM_001134854) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smox
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213354 representing NM_001134854
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAAAGTTGTGAATCCAGTGGCGACAGTGGGATGACCTCTCAGTCGTGGCCTACGGAGAAGGGGAC
 AGCCTCGTGTGGTGGTATCGGGCGCGCTTGGCTGGCCTGGCTGCAGCTCGAGCACTTCTGGAGCAGGG
 CTTACCGATGTCACTGTGCTTGAAGCTTCCAGCCACATTGGGGGCCGTGTGCAGAGCGTAAAATTGGA
 CACGCCACCTTTGAGCTGGGAGCCACCTGGATCCATGGATCCCACGGAAACCCTATCTATCAACTAGCAG
 AAGCCAATGGCCTTTTGAAGAGACAACAGATGGGGAGCGCAGCGTGGGCCGCATCAGCCTCTACTCAA
 GAATGGCGTGGCCTGCTACCTTACCAACCGTGGCCCGCATCCCCAAGGACGTGGTTGAGGAATTCAGT
 GATTTATACAACGAGGTCTATAACTTGACCCAGGAGTTCTCCGGAATGGTAAACCAGTCAATGCTGAGA
 GTCAGAACAGTGTGGGGTGTTCACCCGGGAGAAGGTGCGGAATCGCATCAGGGATGACCCTGACGACAC
 AGAGGCCACCAAGCGCCTGAAGCTCGCCATGATCCAGCAGTACCTGAAGTGGAGAGCTGTGAAAGCAGC
 TCTCACAGCATAGATGAAGTGTCCCTGAGCGCCTTTGGAGAATGGACGGAGATCCCTGGCGCCCATCACA
 TCATCCCCTCCGGCTTATGCGAGTTGTGGAGCTGCTGGCTAAGGGCATTCCCCACATGTCATCCAGCT
 GGGGAAACCCGTCGTTGCATCCACTGGGACCAGGCCTCGGCTCGCCCCGGGGTCTGAGATCGAGCCC
 CGTGGTGAAGGTGACCACAATCACGACGCTGGGGAGGGTGGCCAGAGTGGAGAGAATCCCCAGCAGGGGA
 GGTGGGACGAGGATGAGCAGTGGCCTGTAGTCGTGGAGTGCAGGATTGTGAGGTGATCCAGCAGACCA
 CGTATTGTGACCGTTTCGCTGGGCGTGTCAAGAGGCAGTACACCAGTTCTTTAGGCCATGCTGCCC
 ACAGAGAAGGTGGCCGCCATCCACCGCTGGGCATTGGTACCCTGACAAGATCTTCTTGAATTCGAGG
 AGCCCTTTTGGGGCCCTGAGTGCAACAGCCTGCAGTTTGTGGGAGGATGAGGCAGAGAGCTGTACCT
 CACCTACCCGCTGAGCTCTGGTACCGCAAGATCTGTGGCTTCGATGTCCTTTACCCACCAGAGCGCTAT
 GGCCATGTGCTGAGTGGCTGGATCTGTGGGAGGAGGCTCTCGTCATGGAGAGGTGCGATGACGAGGCTG
 TAGCGGAGATCTGCACGGAGATGCTTCGACAGTTCACAGGGAACCCCAATATACCAAAACCTAGGCGAAT
 CCTGCGCTCAGCCTGGGGCAGCAACCCATACTCCGGGTTTCTATTACACACAGGTGGGCTCAAGT
 GGGGCAGATGTGGAGAAGCTGGCCAAGCCCTGCCCTACACAGAGAGCTCCAAGACAGCGCCATGCAGG
 TGCTGTTCTCCGGTGGAGCCACACACCGCAAGTACTACTCCACCACCCACGGTGTCTGCTCTGGCCA
 CGGTGAGGCCGCTCGGCTCATCGAGATGTACCGAGACCTTCCAGCAGGGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134854

Insert Size: 1668 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_001134854.1](#), [NP_001128326.1](#)

RefSeq Size: 2282 bp

RefSeq ORF: 1668 bp

Locus ID: 308652

Cytogenetics: 3q36