

Product datasheet for **MR208801A1V**

Mouse Smox (NM_145533) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Smox (NM_145533) AAV Particle
Tag:	Myc-DDK
Symbol:	Smox
Synonyms:	B130066H01Rik; PAO; PAOh1; SMO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>MR208801 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAAAGTTGTGAATCCAGTGGCGACAGTGGCGATGACCTCTCAGTCGTGGCCTACGGAGAAGGGGAC
 AGCCTCGTGTGGTGGTATCGGTGCTGGCTTGGCTGGCTGCAGCTAGAGCCCTTCTGGAGCAGGG
 CTTACCGATGTCACTGTGCTTGAAGCTTCCAGCCACATTGGGGCCGTGTGCAGAGTGTGAGGCTTGA
 GACACCACCTTTGAGCTGGGAGCCACCTGGATCCATGGATCCCACGGGAATCCTATCTATCAACTAGCAG
 AAGCCAATGGCCTTTTGAAGAGACAACAGATGGGAGCGCAGTGTGGGCCGATCAGCCTTTACTCCAA
 GAATGGCGTGGCCTGCTACCTTACCAACCGTGGCTGCCGCATCCCCAAGGACGTGGTTGAGGAATTCAGC
 GATTTATAACAACGAGGTCTATAACATGACCCAGGAGTTCCTCCGGCATGGTAAACCAGTCAATGCCGAGA
 GTCAGAACAGCGTCGGGGTGTCCACCCGGGAGAAGGTGCGGAATCGCATCAGGGATGACCCTGACGACAC
 AGAGGCCACCAAGCGCCTGAAGCTCGCCATGATCCAGCAGTACCTGAAGGTGGAGAGCTGTGAGAGCAGC
 TCCCACAGCATAGATGAGGTGTCCCTGAGCGCCTTTGGAGAATGGACGGAGATCCCAGGCCCCATCACA
 TCATCCCTCGGGCTTCATGCGAGTTGTGGAGCTGCTGGCTGAGGGCATTCTCCACATGTCATCCAGTT
 GGGGAAGCCGGTCCGTTGCATCCACTGGGACCAGGCCTCGGCTCACCCCGGGGTCTGAGATCGAGCCC
 CGTGGTGGGGTATCACAATCACGACACTGGGAGGGTGGCCAGAGTGGAGAGAATCCGAGCAGGGGA
 GGTGGGACGAGGATGAGCCGTGGCTGTAGTCGTGGAGTGCAGGATTGCGAGGTGATCCAGCGGACCA
 CGTGATTGTGACCGTTTCGCTGGGCGTGTCAAGAGGCAGTACACCAGTTTCTTAGGCCATGCCTGCC
 ACGGAGAAGGTGGCCGCATCCACCGCTGGCATTGGTACCCTGACAAGATCTTCTGAATTTGAGG
 AGCCCTTTTGGGGCCGAGTGCAACAGCCTGCAGTTCTGTGGGAGGATGAGGCAGAGAGCTGACCT
 CACCTACCCACCTGAGCTCTGGTACCGCAAGATCTGTGGCTTCGATGTCCTTTATCCGCCAGAGCGCTAT
 GGCCATGTGCTGAGTGGCTGGATCTGTGGGAGGAGGCTCTTGTGATGGAGAGGTGCGATGACGAGGCTG
 TAGCTGAGATCTGCACAGAGATGCTTCGACAGTTCACAGGGAACCCCAATATACCAAAACCTAGGCGAAT
 CCTGCGCTCAGCCTGGGCGAGCAACCCATACTCCGGGTTTCTATTCTACACAGAGTGGGCTCAAGT
 GGGGCGGATGTGGAGAAGCTAGCCAAGCCCTGCCCTACACAGAGAGCTCCAAGACAGCGCCCATGCAGG
 TGCTCTTCCGGGGAGGCCACACCCGAAGTACTACTCCACCACCCACGGTCTGCTCTCTGGCCA
 GCGCGAGGCCCGCGCTCATCGAGATGTACCGAGACCTTCCAGCAGGGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208801 protein sequence
 Red=Cloning site Green=Tags(s)

MQSCESSGDSADDPLSRGLRRRQPRVVVIGAGLAGLAAARALLEQGFTDVTVLEASSHIGGRVQSVRLG
 DTFELGATWIHGSHGNPIYQLAEANGLLEETTDGERSVGRISLYSKNGVACYLTNRGCRIPKDVVEEFS
 DLYNEVYNTQEFFRHGKPVNAESQNSVGFVTRKVRNRIRDDPDDTEATKRLKLAMIQQYLKVESCESS
 SHSIDEVLSLAFGEWTEIPGAHHIIPSGFMRVVELLAEGIPPHVIQLGKPVRCIHWDQASAHPRGPEIEP
 RGEDHNHDTGEGGQSGENPQQGRWDEDEPWVVECEDCEVIPADHVIIVTVSLGVLKRQYTSFFRPCLP
 TEKVAAIHRLGIGTTDKIFLEFEFPWGPENSLQFVWEDEAESCTLTYPPELWYRKICGFDVLYPPER
 GHVLSGWIICGEEALVMERCDDAEVAEICTEMLRQFTGNPNIPKPRRILRSAWGSNPYFRGSYSYTVQVSS
 GADVEKLAKPLPYTESSKTAPMQVLFSGEATHRKYSTTHGALLSGQREARLIEMYRDLFQQGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_145533

ORF Size:	1668 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_145533.1</u> , <u>NP_663508.1</u>
RefSeq Size:	2190 bp
RefSeq ORF:	1668 bp
Locus ID:	228608
UniProt ID:	<u>Q99K82</u>
Cytogenetics:	2 F1
MW:	61.9 kDa