

Product datasheet for **RC200156A1V**

Human SMOX (NM_175840) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SMOX
Synonyms:	C20orf16; PAO; PAO-1; PAO1; PAOH; PAOH1; SMO
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200156 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCAAAGTTGTGAATCCAGTGGTGACAGTGCGGATGACCCTCTCAGTCGCGGCTACGGAGAAGGGGAC
 AGCCTCGTGTGGTGGTGATCGGCGCCGGCTTGGCTGGCTGGCTGCAGCCAAAGCACTTCTTGAGCAGGG
 TTTCACGGATGTCACTGTGCTTGAGGCTTCCAGCCACATCGGAGGCCGTGTGCAGAGTGTGAAACTTGGA
 CACGCCACCTTTGAGCTGGGAGCCACCTGGATCCATGGCTCCCATGGGAACCTATCTATCATCTAGCAG
 AAGCCAACGGCCTCCTGGAAGAGACAACCGATGGGGAACGCAGCGTGGGCCGCATCAGCCTCTATTCCAA
 GAATGGCGTGGCTGCTACCTTACCAACCACGGCCGAGGATCCCAAGGACGTGGTTGAGGAATTCAGC
 GATTTATACAACGAGGTCTATAACTTGACCAGGAGTCTTCCGGCAGGATAAACCAGTCAATGCTGAAA
 GTCAAATAGCGTGGGGGTGTTACCCGAGAGGAGGTGCGTAACCGCATCAGGAATGACCCTGACGACCC
 AGAGGCTACCAAGCGCTGAAGCTCGCCATGATCCAGCAGTACCTGAAGTGGAGAGCTGTGAGAGCAGC
 TCACACAGCATGGACGAGGTGTCCCTGAGCGCCTTCGGGGAGTGGACCGAGATCCCCGGCGCTCACCACA
 TCATCCCTCGGGTTCATGCGGGTGTGGAGCTGCTGGCGGAGGGCATCCCTGCCCACGTATCCAGCT
 AGGGAAACCTGTCCGTGCATTCAGTGGGACCAGGCCCTCAGCCGCCCCAGAGGCCCTGAGATTGAGCCC
 CGGGGTGTGCTAAAGAGGCAGTACACAGTTTCTTCCGGCCAGGCCCTGCCACAGAGAAGGTGGCTGCCA
 TCCACCGCCTGGGCATTGGCACCACCGACAAGATCTTCTGGAATTCGAGGAGCCCTTCTGGGGCCCTGA
 GTGCAACAGCCTACAGTTTGTGTGGAGGACGAAGCGGAGAGCCACACCCTCACCTACCCACCTGAGCTC
 TGGTACCGCAAGATCTGCGGCTTGTATGTCCTTACCCGCTGAGCGCTACGGCCATGTGCTGAGCGGCT
 GGATCTGCGGGGAGGAGGCCCTCGTCATGGAGAAGTGTGATGACGAGGCAGTGGCCGAGATCTGCACGGA
 GATGCTGCGTCAGTTACAGGGAACCCCAACATTCCAAAACCTCGGCGAATCTTGCGCTCGGCCTGGGGC
 AGCAACCCCTTACTTCCGCGGCTCCTATTATACACGACAGTGGGCTCCAGCGGGGCGGATGTGGAGAAGC
 TGGCCAAGCCCTGCCGTACACGAGAGCTCAAAGACAGCGCCATGCAGGTGCTGTTTCCGGTGAGGC
 CACCCACCGCAAGTACTATTCCACCACCCACGGTGCTGCTGTCCGGCCAGCGTGAGGCTGCCGCCTC
 ATTGAGATGTACCGAGACCTCTCCAGCAGGGGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200156 protein sequence
 Red=Cloning site Green=Tags(s)

MQSCESSGDSADDPLSRGLRRRQPRVVVIGAGLAGLAAAKALLEQGFTDVTVLEASSHIGGRVQSVKLG
 HATFELGATWIHGSHGNPIYHLAEANGLLEETTDGERSVGRISLYSKNGVACYLTNHGRRIPKDVVEEFS
 DLYNEVYNLTQEFFRHDKPVNAESQNSVGVTREEVRNIRNDPDDPEATKRLKLAMIQQYLKVESCESS
 SHSMDEVSLSAFGEWTEIPGAHHIIPSGFMRVVELLAEGIPAHVIQLGKPVRCIHWDAQASARPRGPEIEP
 RGVLRQYTSFFRPGLPTEKVAAIHLRGIGTTDKIFLEFEFPFWGPECNSLQFVWEDEAESHTLTYPPEL
 WYRKICGFDVLYPPERYGHVLSGWICGEEALVMEKCDDEAVAEICTEMLRQFTGNPNIPKPRRILRSAGW
 SNPYFRGSYSYTVQVSSGADVEKLAKPLPYTESSKTAPMQVLFSGEATHRKYYSTTHGALLSGQREARL
 IEMYRDLFQQGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_175840
ORF Size: 1506 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:	NM_175840.1
RefSeq Size:	2090 bp
RefSeq ORF:	1509 bp
Locus ID:	54498
UniProt ID:	Q9NWM0
Cytogenetics:	20p13
MW:	56.1 kDa