

Product datasheet for **RC223361A1V**

Human SMOX (NM_175842) 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: >RC223361 representing NM_175842
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCAAAGTTGTGAATCCAGTGGTGACAGTGCGGATGACCCTCTCAGTCGCGGCTACGGAGAAGGGGAC
 AGCCTCGTGTGGTGGTATCGGCGCCGGCTTGGCTGGCTGGCTGCAGCCAAAGCACTTCTTGAGCAGGG
 TTTCACGGATGTCACTGTGCTTGAAGCTTCCAGCCACATCGGAGGCCGTGTGCAGAGTGTGAAACTTGGA
 CACGCCACCTTTGAGCTGGGAGCCACCTGGATCCATGGCTCCCATGGGAACCTATCTATCATCTAGCAG
 AAGCCAACGGCCTCCTGGAAGAGACAACCGATGGGGAACGCAGCGTGGGCGCATCAGCCTCTATTCCAA
 GAATGGCGTGGCCTGCTACCTTACCAACCACGGCCGAGGATCCCCAAGGACGTGGTTGAGGAATTCAGC
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 AGAGGCTACCAAGCGCTGAAGCTCGCCATGATCCAGCAGTACCTGAAGTGGAGAGCTGTGAGAGCAGC
 TCACACAGCATGGACGAGGTGTCCCTGAGCGCCTTCGGGGAGTGGACCGAGATCCCCGGCGCTCACCACA
 TCATCCCTCGGGCTTCATGCGGGTGTGGAGCTGCTGGCGGAGGGCATCCCTGCCCACGTCATCCAGCT
 AGGGAAACCTGTCCGCTGCATTCAGTGGGACGAGCCTCAGCCGCCCCAGAGGCCCTGAGATTGAGCCC
 CGGGGTGTGCTAAAGAGGCAGTACACAGTTTCTTCCGGCCAGGCTGCCACAGAGAAGGTGGCTGCCA
 TCCACCGCCTGGGCATTGGCACCACCGACAAGATCTTCTGGAATTCGAGGAGCCCTTCTGGGGCCCTGA
 GTGCAACAGCCTACAGTTTGTGTGGAGGACGAAGCAGAGAGCCACACCTCACCTACCCACCTGAGCTC
 TGGTACCGCAAGATCTGCGGCTTGTATGTCCTTACCCGCTGAGCGCTACGGCCATGTGCTGAGCGGCT
 GGATCTGCGGGGAGGAGCCCTCGTCATGGAGAAGTGTGATGACGAGGCAGTGGCCGAGATCTGCACGGA
 GATGCTGCGTCAGTTCACAGGGAACCCCAACATTCCAAAACCTCGGCGAATCTTGCGCTCGGCTGGGGC
 AGCAACCCCTTACTTCCGCGGCTCCTATTATACACGCAAGTGGGCTCCAGCGGGGCGGATGTGGAGAAGC
 TGGCCAAGCCCTGCCGTACACAGAGAGCTCAAGACAGCGCATGGAAGCTCCACAAAGCAGCAGCCTGG
 TCACCTTTTCTCTTCAAGTGCCAGAACAGCCCTGGATGCTAACAGGGGCGCCGTAAGCCCATGCAG
 GTGCTGTTTTCCGGTGAGGCCACCCACCGCAAGTACTATTCCACCACCCACGGTGCTGCTGCTCGCGCC
 AGCGTGAGGCTGCCCGCTCATTGAGATGTACCGAGACCTCTTCCAGCAGGGGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MQSCESSGDSADDPLSRGLRRRQPRVVVIGAGLAGLAAAKALLEQGFDTVTVLEASSHIGGRVQSVKLG
 HATFELGATWIHGSHGNPIYHLAEANGLLEETDGGERSVGRISLYSKNGVACYLTNHGRRIPKDVVEEFS
 DLYNEVYNLTQEFFRHDKPVNAESQNSVGVTREEVRNIRNDPDDPEATKRLKLAMIQQYLKVESCESS
 SHSMDEVSLSAFGEWTEIPGAHHIIPSGFMRVVELLAEGIPAHVQLGKPVRCIHWDQASARPRGPEIEP
 RGVLRQYTSFFRPGLPTEKVAAIHLRGITTDKIFLEFEEFPWGPECNSLQFVWEDEAESHTLTYPPEL
 WYRKICGFDVLYPPERYPYGHVLSGWICGEEALVMEKCDDEAVAEICTEMLRQFTGNPNIPKPRRILRSWQ
 SNPYFRGSYSYTVQVSSGADVEKLAKPLPYTESSTKAHGSSTKQQPGHLFSSKCPEQLDANRGAVKPMQ
 VLFSGEATHRKYYSTTHGALLSGQREARLIEMYRDLFQQGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_175842
ORF Size: 1596 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_175842.1
RefSeq Size:	2134 bp
RefSeq ORF:	1599 bp
Locus ID:	54498
UniProt ID:	Q9NWM0
Cytogenetics:	20p13
MW:	59.1 kDa