

Product datasheet for **RC218605A1V**

Human SHOX (NM_000451) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SHOX (NM_000451) AAV Particle
Tag:	Myc-DDK
Symbol:	SHOX
Synonyms:	GCFX; PHOG; SHOXY; SS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218605 representing NM_000451 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAGAGCTCACGGCTTTTGTATCCAAGTCTTTGACCAGAAAAGCAAGGACGGTAACGGCGGAGGCG
GAGGCGGCGGAGGTAAGAAGGATTCCATTACGTACCGGGAAGTTTGGAGAGCGGACTGGCGCGCTCCCG
GGAGCTGGGGACGTGGATTCCAGCCTCCAGGACATCACGGAGGGCGGCGGCACTGCCCGGTGCATTTG
TTCAAGGACCACGTAGACAATGACAAGGAGAACTGAAAGAATTCGGCACCGCGAGAGTGGCAGAAGGGA
TTTATGAATGCAAAGAGAAGCGCGAGGACGTGAAGTCGGAGGACGAGGACGGGCAGACCAAGCTGAAACA
GAGGCGCAGCCGACCAACTTCACGCTGGAGCAGCTGAACGAGCTCGAGCGACTCTTCGACGAGACCCAT
TACCCCGACGCCTTCATGCGCGAGGAGCTCAGCCAGCGCCTGGGGCTCTCCGAGGCGCGCGTGCAGGTTT
GGTTCCAGAACCGGAGAGCCAAGTGCCGCAAACAAGAGAATCAGATGCATAAAGGCGTCATCTTGGGCAC
AGCCAACCACCTAGACGCCTGCCGAGTGGCACCTACGTCAACATGGGAGCCTTACGGATGCCTTTCCAA
CAGGTCCAGGCTCAGCTGCAGCTGGAAGGCGTGCCCGACGCGACCCGACCTGCACCCGCACCTGGCGG
CGCACGCGCCCTACCTGATGTTCCCCCGCCGCCCTTCGGGCTGCCCATCGCGTCGCTGGCCGAGTCCGC
CTCGGCCGCCCGCTGGTCGCCCGCCGCCAAAAGCAACAGCAAGAATTCAGCATCGCCGACCTGCGG
CTCAAGGCGCGAAGCACGCGGAGGCCCTGGGGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC218605 representing NM_000451 Red=Cloning site Green=Tags(s) MEELTAFVSKSFDQKSKDGNNGGGGGGGKKDSITYREVLESGLARSRELGTSDSSLQDITEGGGHCPVHL FKDHVDNDKEKLKEFGTARVAEGIYECKEKREDVKSEDEGGQTKLKQRRSRTNFTLEQLNELERLFDETH YPDAFMREELSQRGLSEARVQVWFQNRRAKCRKQENQMHKGVILGTANHLDACRVAPYVNMGALRMPFQ QVQAQLQLEGVAHAHPLHPLAAHAPYLMFPPPPFGLPIASLAESASAAAVVAAAASNSKNSSIADLR LKARKHAEALGL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000451
ORF Size:	876 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_000451.2 , NP_000442.1
RefSeq Size:	4559 bp
RefSeq ORF:	879 bp
Locus ID:	6473
UniProt ID:	O15266
Cytogenetics:	X;Y
MW:	32.1 kDa