

Product datasheet for **RC218416A1V**

Human HAO2 (NM_001005783) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HAO2 (NM_001005783) AAV Particle
Tag:	Myc-DDK
Symbol:	HAO2
Synonyms:	GIG16; HAOX2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218416 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTTGGTGTGTCTGACAGACTTTTCAGGCCATGCGCGAGAGCAGCTGTCTAAGTCAACTCGGGATT
TTATTGAAGGTGGAGCAGATGACAGCATCACGCGGGATGACAACATTGCAGCATTTAAAGAATTCGCCT
CCGTCCGCGGTACCTGAGAGATGTGTCTGAGGTGGACACCAGAACCACAATCCAAGGGGAGGAGATCAGT
GCCCTATTTGTATCGCACCCACAGGGTCCACTGCCTTGTCTGGCCTGATGGGAAATGAGCACAGCAA
GAGCTGCCCAAGCGGCTGGTATCTGCTACATCACCAGCACATTTGCCAGCTGTAGCCTTGAAGACATTGT
CATTGCAGCTCCCGAAGGCCTCCGATGGTTCCAACCTCTATGTGCATCCAGACCTGCAGCTGAACAAACAG
TTGATCCAGAGGGTAGAATCCCTAGGTTTCAAAGCTTTGGTAATAACTTTGGATACACCTGTATGTGGCA
ACAGGCGACATGACATTCGAAACCAGTTGAGGAGGAACCTTAACCTAACAGATCTTCAATCACCTAAAAA
GGGAAATGCAATACCTTATTTCCAGATGACTCCTATCAGCACTTCTCTGCTGGAATGATCTCTCCTGG
TTTCAGAGCATAACTCGATTGCCATCATCCTGAAAGGGATTTTGACAAAAGAGGATGCAGAGTTAGCTG
TGAAGCACAATGTCCAGGGTATCATTGTTTCAACCATGGTGGGAGGCAGCTTGATGAGGTTCTTGCTTC
AATTGATGCTTTGACAGAAGTGGTGGCTGCTGTAAAGGGGAAAATTGAAGTCTACCTGGATGGCGGGGTC
CGAACTGGCAATGATGTGCTGAAGGCTCTGGCCCTTGAGCTAAGTGCATTTTCTTGGGAGACCAATCC
TATGGGCGCTTGCTGCAAGGGTGAACATGGTGTAAAGGAAGTTTGAACATTTTAAACAATGAGTTCCA
CACTTCCATGGCCCTACAGGCTGCCGGTCCGTCGCTGAGATCAATCGAACTTGGTCCAGTTTTCAGG
CTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC218416 protein sequence Red=Cloning site Green=Tags(s) MSLVCLTDFQAHAREQLSKSTRDFIEGGADDSITRDDNIAAFKRIRLRPRYL RDVSEVDTRTTIQGEEIS APICIAPTGFHCLVWPDGEMSTARAAQAAGICYITSTFASCSLEDIVIAAPEGLRWFQLYVHPDLQLNKQ LIQRVESLGFKALVITLDTPVCGNRRHDIRNQLRRNLTLTDLQSPKKGNAIPYFQMTPISTSLCWNLSW FQSITRLPIILKGILTKEDAELAVKHNVQGIIVSNHGGRLDEVLASIDALTEVVAAVKGKIEVYLDGGV RTGNDVLKALALGAKCIFLGRPILWGLACKGEHGVKEVLNILTNEFHTSMALTGCRSVAEINRNLVQFSR L TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001005783
ORF Size:	1053 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_001005783.1</u> , <u>NP_001005783.1</u>
RefSeq Size:	1708 bp
RefSeq ORF:	1095 bp
Locus ID:	51179
UniProt ID:	<u>Q9NYQ3</u>
Cytogenetics:	1p12
MW:	38.8 kDa