

Product datasheet for **RC205051A1V**

Human HAO2 (NM_016527) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HAO2 (NM_016527) AAV Particle
Tag:	Myc-DDK
Symbol:	HAO2
Synonyms:	GIG16; HAOX2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205051 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCCTTGGTGTGTCTGACAGACTTTTCAGGCCATGCGCGAGAGCAGCTGTCTAAGTCAACTCGGGATT
TTATTGAAGGTGGAGCAGATGACAGCATCACGCGGGATGACAACATTGCAGCATTTAAAAGAATTCGCCT
CCGTCCGCGGTACCTGAGAGATGTGTCTGAGGTGGACACCAGAACCACAATCCAAGGGGAGGAGATCAGT
GCCCTATTTGTATCGCACCCACAGGGTCCACTGCCTTGTCTGGCCTGATGGGAAATGAGCACAGCAA
GAGCTGCCCAAGCGGTGGTATCTGCTACATCACCAGCACATTTGCCAGCTGTAGCCTTGAAGACATTGT
CATTGCAGCTCCCGAAGGCCTCCGATGGTTCCAACCTCTATGTGCATCCAGACCTGCAGCTGAACAAACAG
TTGATCCAGAGGGTAGAATCCCTAGGTTTCAAAGCTTTGGTAATAACTTTGGATACACCTGTATGTGGCA
ACAGGCGACATGACATTCGAAACCAGTTGAGGAGGAACTTAACACTAACAGATCTTCAATCACCTAAAAA
GGGAAATGCAATACCTTATTTCCAGATGACTCCTATCAGCACTTCTCTGCTGGAATGATCTCTCCTGG
TTTCAGAGCATAACTCGATTGCCCATCATCCTGAAAGGGATTTTGACAAAAGAGGATGCAGAGTTAGCTG
TGAAGCACAATGTCCAGGGTATCATTGTTTCAACCATGGTGGGAGGCAGCTTGATGAGGTTCTTGCTTC
AATTGATGCTTTGACAGAAGTGGTGGCTGCTGTAAAGGGGAAAATTGAAGTCTACCTGGATGGCGGGGTC
CGAACTGGCAATGATGTGCTGAAGGCTCTGGCCCTTGAGCTAAGTGCATTTTCTTGGGAGACCAATCC
TATGGGCGCTTGCTGCAAGGGTGAACATGGTGTAAAGGAAGTTTGAACATTTTAAACAATGAGTTCCA
CACTTCCATGGCCCTACAGGCTGCCGGTCCGTCGCTGAGATCAATCGAACTTGGTCCAGTTTTCAGG
CTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205051 protein sequence Red=Cloning site Green=Tags(s) MSLVCLTDFQAHAREQLSKSTRDFIEGGADDSITRDDNIAAFKRIRLRPRYL RDVSEVDTRTTIQGEEIS APICIAPTGFHCLVWPDGEMSTARAAQAAGICYITSTFASCSLEDIVIAAPEGLRWFQLYVHPDLQLNKQ LIQRVESLGFKALVITLDT PVCNRRHDIRNQLRRNLTLTDLQSPKKGNAIPYFQMTPISTSLCWNDLSW FQSITRLPIILKGILTKEDAELAVKHNVQGIIVSNHGGRLDEVLASIDALTEVVAAVKGKIEVYLDGGV RTGNDVLKALALGAKCIFLGRPILWGLACKGEHGVKEVLNILTNEFHTSMALTGCRSVAEINRNLVQFSR L TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016527
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:	NM_016527.2
RefSeq Size:	1488 bp
RefSeq ORF:	1056 bp
Locus ID:	51179
UniProt ID:	Q9NYQ3
Cytogenetics:	1p12
MW:	38.8 kDa