

Product datasheet for **RC201777A1V**

Human Heme oxygenase 2 (HMOX2) (NM_002134) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Heme oxygenase 2 (HMOX2) (NM_002134) AAV Particle
Tag:	Myc-DDK
Symbol:	Heme oxygenase 2
Synonyms:	HO-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201777 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCAGCGGAAGTGGAACCTCAGAGGGGGTAGACGAGTCAGAAAAAGAACTCTGGGGCCCTAGAAA
AGGAGAACCAATGAGAATGGCTGACCTCTCGGAGCTCCTGAAGGAAGGGACCAAGGAAGCACACGACCG
GGCAGAAAACACCCAGTTTGTCAAGGACTTCTTGAAAGGCAACATTAAGAAGGAGCTGTTAAGCTGGCC
ACCACGGCACTTTACTTCACATACTCAGCCCTCGAGGAGGAAATGGAGCGCAACAAGGACCATCCAGCCT
TTGCCCTTTGTACTTCCCATGGAGCTGCACCGGAAGGAGCGCTGACCAAGGACATGGAGTATTCTT
TGGTGAAAACCTGGGAGGAGCAGGTGCAGTGCCCCAAGGCTGCCAGAAGTACGTGGAGCGGATCCACTAC
ATAGGGCAGAACGAGCCGGAGCTACTGGTGGCCCATGCATACACCCGCTACATGGGGGATCTCTCGGGG
GCCAGGTGCTGAAGAAGGTGGCCAGCGAGCACTGAAACTCCCCAGCACAGGGGAAGGGACCCAGTTCTA
CCTGTTTGAGAAATGTGGACAATGCCAGCAGTTCAAGCAGCTCTACCGGGCCAGGATGAACGCCCTGGAC
CTGAACATGAAGACCAAGAGAGGATCGTGAGGAGGCCAACAAGGCTTTTGAGTATAACATGCAGATAT
TCAATGAACTGGACAGGCCGGCTCCACTGGCCAGAGAGACCTTGAGGATGGGTTCCCTGTACACGA
TGGGAAAGGAGACATGCGTAAATGCCCTTTCTACGCTGCTGAACAAGACAAAGGTGCCCTGGAGGGCAGC
AGCTGTCCCTTCCGAACAGCTATGGCTGTGCTGAGGAAGCCAGCCTCCAGTTTCATCCTGGCCGCTGGTG
TGGCCCTAGCTGCTGGACTCTTGGCCTGGTACTACATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201777 protein sequence Red=Cloning site Green=Tags(s) MSAEVETSEGVDESEKKNSGALEKENQMRMADLSELLKEGTKEAHDRAENTQFVKDFLKGNIKKELFKLA TTALYFTYSALLEEMERNKDHPAFAPLYFPMELHRKEALTKDMEYFFGENWEEQVQCPKAAQKYVERIHY IGQNEPELLVAHAYTRYMGDLGGQVLKKVAQRALKLPSTGEGTQFYLFENVDNAQQFKQLYRARMNALD LNMKTKERIVEEANKAFEYNMQIFNELDQAGSTLARETLEDGFPVHDGKGDMRKCPFYAAEQDKGALEGS SCPFRTAMAVLRKPSLQFILAAGVALAAGLLAWYYM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002134
ORF Size:	948 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_002134.2</u>
RefSeq Size:	1754 bp
RefSeq ORF:	951 bp
Locus ID:	3163
UniProt ID:	<u>P30519</u>
Cytogenetics:	16p13.3
MW:	36 kDa