

## Product datasheet for **RC225452A1V**

### Human Heme oxygenase 2 (HMOX2) (NM\_001127205) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Heme oxygenase 2 (HMOX2) (NM_001127205) 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:	>RC225452 representing NM_001127205 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTCAGCGGAAGTGAAACCTCAGAGGGGGTAGACGAGTCAGAAAAAAGAACTCTGGGGCCCTAGAAA  
AGGAGAACCAATGAGAATGGCTGACCTCTCGGAGCTCCTGAAGGAAGGGACCAAGGAAGCACACGACCG  
GGCAGAAAACACCCAGTTTGTCAAGGACTTCTTGAAAGGCAACATTAAGAAGGAGCTGTTAAGCTGGCC  
ACCACGGCACTTTACTTCACATACTCAGCCCTCGAGGAGGAAAATGGAGCGCAACAAGGACCATCCAGCCT  
TTGCCCTTTGTACTTCCCATGGAGCTGCACCCGAAGGAGGCGCTGACCAAGGACATGGAGTATTCTT  
TGGTGA AAACTGGGAGGAGCAGGTGCAGTGCCCCAAGGCTGCCAGAAAGTACGTGGAGCGGATCCACTAC  
ATAGGGCAGAACGAGCCGGAGCTACTGGTGGCCATGCATACACCCGCTACATGGGGATCTCTCGGGG  
GCCAGGTGCTGAAGAAGGTGGCCAGCGAGCACTGAAACTCCCCAGCACAGGGGAAGGGACCCAGTTCTA  
CCTGTTTGAGAAATGTGGACAAATGCCAGCAGTTCAAGCAGCTCTACCGGCCAGGATGAACGCCCTGGAC  
CTGAACATGAAGACCAAGAGAGGATCGTGGAGGAGGCCAACAAGGCTTTTGAGTATAACATGCAGATAT  
TCAATGAACTGGACCAGCCGGCTCCACTGGCCAGAGACCTTGGAGGATGGGTTCCCTGTACACGA  
TGGGAAAGGAGACATGCGTAAATGCCCTTCTACGCTGCTGAACAAGACAAAGGTGCCCTGGAGGGCAGC  
AGCTGTCCCTCCGAACAGCTATGGCTGTGCTGAGGAAGCCAGCCTCCAGTTTCATCCTGGCCGCTGGT  
TGCCCTAGCTGCTGGACTCTTGGCCTGGTACTACATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC225452 representing NM_001127205 Red=Cloning site Green=Tags(s)  MSAEVETSEGVDSEKKNNGALEKENQMRMADLSELLKEGTKEAHDRAENTQFVKDFLKGNIKKELFKLA TTALYFTYSALEEMERNKDHPAFAPLYFPMELHRKEALTKDMEYFFGENWEEQVQCPKAAQKYVERIHY IGQNEPELLVAHAYTRYMGDLGGQVLKKVAQRALKLPSTGEGTQFYLFENVDNAQQFKQLYRARMNALD LNMKTKERIVEEANKAFEYNMQIFNELDQAGSTLARETLEDGFPVHDGKGMRKCPFYAAEQDKGALEGS SCPFRTAMAVLRKPSLQFILAAGVALAAGLLAWYYM  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001127205
<b>ORF Size:</b>	948 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001127205.1</a></u> , <u><a href="#">NP_001120677.1</a></u>
<b>RefSeq Size:</b>	1776 bp
<b>RefSeq ORF:</b>	951 bp
<b>Locus ID:</b>	3163
<b>UniProt ID:</b>	<u><a href="#">P30519</a></u>
<b>Cytogenetics:</b>	16p13.3
<b>MW:</b>	36 kDa