

Product datasheet for **RC200463A1V**

Human Heme Oxygenase 1 (HMOX1) (NM_002133) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Heme Oxygenase 1 (HMOX1) (NM_002133) AAV Particle
Tag:	Myc-DDK
Symbol:	Heme Oxygenase 1
Synonyms:	bK286B10; HMOX1D; HO-1; HSP32
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200463 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGCGTCCGCAACCCGACAGCATGCCCCAGGATTTGTCAGAGGCCCTGAAGGAGGCCACCAAGGAGG
TGCACACCCAGGCAGAGAATGCTGAGTTCATGAGGAACTTTCAGAAGGGCCAGGTGACCCGAGACGGCTT
CAAGCTGGTGATGGCCTCCCTGTACCACATCTATGTGGCCCTGGAGGAGGAGATTGAGCGCAACAAGGAG
AGCCAGTCTTCGCCCTGTCTACTTCCAGAAGAGCTGCACCGCAAGGCTGCCCTGGAGCAGGACCTGG
CCTTCTGGTACGGGCCCGCTGGCAGGAGGTCATCCCTACACACCGCCATGCAGCACTATGTGAAGCG
GCTCCACGAGGTGGGGCCACAGAGCCGAGCTGCTGGTGGCCACGCCCTACACCGCTACCTGGGTGAC
CTGTCTGGGGCCAGGTGCTCAAAAAGATTGCCAGAAAAGCCCTGGACCTGCCAGCTCTGGCGAGGGCC
TGGCCTTCTTACCTTCCCAACATTGCCAGTGCCACCAAGTTCAAGCAGCTCTACCGCTCCCGCATGAA
CTCCCTGGAGATGACTCCCGCAGTCAGGCAGAGGGTGATAGAAGAGGCCAAGACTGCGTTCTCTGCTCAAC
ATCCAGCTCTTTGAGGAGTTGCAGGAGCTGCTGACCCATGACACCAAGGACCAGAGCCCCCTCACGGGCAC
CAGGGCTTCGCCAGGGGCCAGCAACAAAGTGAAGATTCTGCCCCCGTGGAGACTCCCAGAGGGAAGCC
CCCACTCAACACCGCTCCAGGCTCCGCTTCTCCGATGGTCTTACACTCAGCTTTCTGGTGGCGACA
GTTGCTGTAGGGCTTTATGCCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200463 protein sequence Red=Cloning site Green=Tags(s) MERPQPDSMPQDLSEALKEATKEVHTQAENAEFMRNFQKGOVTRDGFKLVMASLYHIYVALEEEIERNKE SPVFAPVYFPEELHRKAALQDLAFWYGPRWQEVIPYTPAMQHYYKRLHEVGRTEPELLVAHAYTRYLGD LSGGQVLKKIAQKALDLPSSGGLAFFTFPNIASATKFKQLYRSRMNSLEMPAVRQRVIEEAKTAFLLN IQLFEELQELLTHDTKDQSPSRAPGLRQRASNKVDQSDAPVETPRGKPLNTRSQAPLLRWLTL SFLVAT VAVGLYAM TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002133
ORF Size:	864 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_002133.1
RefSeq Size:	1606 bp
RefSeq ORF:	867 bp
Locus ID:	3162
UniProt ID:	P09601
Cytogenetics:	22q12.3
MW:	32.8 kDa