

Product datasheet for **RC224948A1V**

Human ABCB8 (NM_007188) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABCB8 (NM_007188) AAV Particle
Tag:	Myc-DDK
Symbol:	ABCB8
Synonyms:	EST328128; M-ABC1; MABC1; MITOSUR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224948 representing NM_007188
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGTGCATTTATTTTCGGGTCGGGATTCGGGGTGGCCCATTCAGGCAGGCTGCTACCGCCCTCC
 GCTTCCAGACATTCTCAGCTGTCAGGACTCTGATGGCTACCGCAGCTCCTCCCTCCTCCGGGCCGTGGC
 CCACCTGCGGTCCCAGCTCTGGGCCACCTCCCTCGAGCCCCCTAGCTCCCAGATGGAGCCCTCTGCC
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 CCCTGTGTGAGGCAGAAGAGGCCCTCTGCCAGCTCCACACCCCATGTCGTGGGGTCTCGCTTTAACTG
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 CCCCAGCTTCGAGGTGCTGAAAGACTTCACCTGACGCTGCCCCCTGGCAAGATCGTGGCCCTCGTGGGC
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 CAGCCAGGAGCCCGTCTGTTTGGGACGACCATCATGGAACATCCGCTTTGGGAAGCTGGAAGCTTCC
 GATGAAGAGGTGTACACAGCCGCGCGGAAGCGAATGCTCAGGAGTTCATCACCAGTTTCCCCGAGGGCT
 ACAACACGGTCTCGGTGAACGGGGCACTACCTGTCTGGGGGCCAGAAGCAGCGCTGGCCATCGCCCG
 AGCCCTTATCAAGCAGCCACGGTGTGATACTGGATGAAGCTACCAGCGCGCTGGATGCAGAGTCCGAG
 CGGGTTGTACAGGAGGCCCTGGACCGGGCCAGTGCAGGCCGCACGGTGTGGTAATTGCCACCGGCTCA
 GCACTGTCCGTGGGGCCCACTGCATTGTGTCATGGCCGATGGCCGTGTCTGGGAGGCTGGGACACATGA
 AGAGCTCCTGAAGAAAGCGGGCTATACGCCGAGCTCATCCGAGGCAGGCCCTGGATGCCCCGAGGACA
 GCGGCCCCACCGCCAAAAAGCCAGAAGGCCCCAGGAGCCACCAGCACAAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC224948 representing NM_007188 Red=Cloning site Green=Tags(s) MLVHLFRVGIRGGPFPGRLLPPLRFQTFSAVRYSDGYRSSSLLRAVAHLRSQWLWHLPRAPLAPRWSPSA WCWVGALLGPMVLSKHPHLLCLVALCEAEEAPPASSTPHVVGSRFNWKLFWQFLHPHLLVLGVAVVLALG AALVNVQIPLLLGQLVKVVAKYTRDHVGSFMTESQNLSTHLLILYGVQGLLTFGYLVLLSHVGERMAVDM RRALFSSLLRQNIITFFDANKTGQLVSRLTTDVQEFKSSFKLVISQGLRSCSQVAGCLVLSMLSTRLTLL LMVATPALMGVGTLMGSGLRKLSRQCQEHIRAMGVADALGNVRTVRALAMEQREEERYGALEACRCR AEELGRGIALFQGLSNIAFNCMVLGTLFIGGSLVAGQQLTGGDLMSFLVASQTVQRSMANLSVLFQGVVR GLSAGARVFEYMALNPCIPLSGGCCVPKEQLRGSVTFQNVCFSYPCRPGFEVLKDFTLTLPPGKIVALVG QSGGGKTTVASLLERFYDPTAGVVMLDGRDLRTLDPSSLRGQVVGFIQEPVLFGTTIMENIRFGKLEAS DEEVYTAAREANAHEFITSFPEGYNVTVGERGTTLSGGQKQRLAIARALIKQPTVLILDEATSALDAESE RVVQEALDRASAGRTLVIARHLSTVRGAHCIVVMADGRVWEAGTHEELLKKGGLYAEILRRQALDAPRT AAPPPKKPEGPRSHQHS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007188
ORF Size:	2154 bp
Buffer:	PBS with 0.001% Pluronic F8885
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_007188.2, NP_009119.1</u>
RefSeq Size:	2439 bp
RefSeq ORF:	2157 bp
Locus ID:	11194
UniProt ID:	<u>Q9NUT2</u>
Cytogenetics:	7q36.1
MW:	77.9 kDa