

Product datasheet for **RC210203A1V**

Human ABO (NM_020469) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABO (NM_020469) AAV Particle
Tag:	Myc-DDK
Symbol:	ABO
Synonyms:	A3GALNT; A3GALT1; GTB; NAGAT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210203 representing NM_020469. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCGAGGTGTTGCGGACGCTGGCCGGAAAACCAAAATGCCACGCACTTCGACCTATGATCCTTTTC
CTAATAATGCTTGTCTTGGTCTTGTGGTTACGGGGTCTAAGCCCCAGAAGTCTAATGCCAGGAAGC
CTGGAACGGGGTCTGCATGGCTGTTAGGGAACCTGACCATCTGCAGCGCTCTCGTTGCCAAGGATG
GTCTACCCCAAGCAAGGTGCTGACACCGTGTAGGAAGGATGTCTCGTGGTGACCCCTTGGCTGGCT
CCCATTGTCTGGGAGGGCAGTTCAACATCGACATCCTCAACGAGCAGTTCAGGCTCCAGAACACCACC
ATTGGGTTAACTGTGTTTGCCATCAAGAAATACGTGGCTTCTGAAGCTGTTCTGGAGACGGCCGGAG
AAGCACTTCATGGTGGGCCACCGTGTCCACTACTATGTCTTCACCGACCAGCCGGCCGGTGGCCCGC
GTGACGCTGGGGACCGTCCGCGAGCTGTCAAGTGTGGAGGTGGGCGCTACAAGCCTGGCAGGACGTG
TCCATGCGCCGATGGAGATGATCAGTGACTTCTGCGAGCGCGCTTCTCAGCGAGGTGGATTACCTG
GTGTGCGTGGACGTGGACATGGAGTTCGCGACCATGTGGGCGTGGAGATCCTGACTCCGCTGTTCCGGC
ACCCTGCACCCAGCTTCTACGGAAGCAGCCGGGAGGCCCTCACCTACGAGCGCCGGCCAGTCCCAG
GCCTACATCCCAAGGACGAGGGCGATTCTACTACATGGGGCGTTCCTCGGGGGTGGTGAAGAG
GTGCAGCGGCTCACCAGGGCTGCCACCAGGCCATGATGGTCGACAGGCCAACGGCATCGAGGCCGTG
TGGCAGCAGGAGCCACCTGAACAAGTACCTACTGCGCCACAAACCCACCAAGGTGCTCTCCCCGAG
TACTTGTGGGACCAACAGCTGCTGGGCTGGCCCGCTCCTGAGGAAGCTGAGGTTCACTGCGGTGCC
AAGAACCACAGCGGTCGGGAACCCG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Protein Sequence:	<p>>Peptide sequence encoded by RC210203 Blue=ORF Red=Cloning site Green=Tag(s)</p> <p>MAEVLRTLAKGPKCHALRPMILFLIMLVLVLFYGVLSRSLMPGSLERGFMAVREPDHLQRVSLPRM VYPQPKVLTPCRKDVLVVTPWLAPIVWEGTFNIDILNEQFRLQNTTIGLTVFAIKKYVAFLLKLFLETAE KHFMVGHVHYVFTDQPAAVPRVTLGTGRQLSVLEVGAYKRWDVSMRRMEMISDFCERRFLSEVDYL VCVDVDMEFRDHVGVLEILTPLFGTLHPSFYGSSREAFTYERRPQSQAYIPKDEGDFYYMGAFFGGSVQE VQRLTRACHQAMMVDQANGIEAVWHDESHLNKYLLRHKPTKVLSPHYLWDQQLLWPAVLRKLRFTAVP KNHQAVRNP TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> <p>Recombinant protein using RC210203 also available, TP310203</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020469
ORF Size:	1062 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_020469.2
RefSeq Size:	1580 bp
RefSeq ORF:	1065 bp
Locus ID:	28
UniProt ID:	P16442
Cytogenetics:	9q34.2
MW:	40.9 kDa