

Product datasheet for **RC200316A1V**

Human COL4A3BP (NM_031361) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COL4A3BP (NM_031361) AAV Particle
Tag:	Myc-DDK
Symbol:	COL4A3BP
Synonyms:	CERT; CERTL; COL4A3BP; GPBP; MRD34; STARD11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200316 representing NM_031361
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCGGATAATCAGAGCTGGAACCTCGTCGGGCTCGGAGGAGGATCCAGAGACGGAGTCTGGGCCGCTG
 TGGAGCGCTGCGGGTCTCAGTAAGTGGACAACTACATTCATGGGTGGCAGGATCGTTGGGTAGTTTT
 GAAAAAATAGTCTGAGTTACTACAACTCTGAAGATGAAACAGAGTATGGCTGCAGAGGATCCATCTGT
 CTTAGCAAGGCTGTCATCACACCTCACGATTTTGTGAATGTCGATTTGATATTAGTGTAATGATAGTG
 TTTGGTATCTTCGTGCTCAGGATCCAGATCATAGACAGCAATGGATAGATGCCATTGAACAGCACAAGAC
 TGAATCTGGATATGGATCTGAATCCAGCTTGCCTCGACATGGCTCAATGGTGTCCCTGGTGTCTGGAGCA
 AGTGGCTACTCTGCAACATCCACCTCTTCATTCAAGAAAGGCCACAGTTTACGTGAGAAGTTGGCTGAAA
 TGGAAACATTTAGAGACATCTTATGTAGACAAGTTGACACGCTACAGAAGTACTTTGATGCCTGTGCTGA
 TGCTGTCTCTAAGGATGAACCTCAAAGGGATAAAGTGGTAGAAGATGATGAAGATGACTTTCCTACAACG
 CGTTCTGATGGTGACTTCTTGCATAGTACCAACGGCAATAAAGAAAAGTTATTTCCACATGTGACACCAA
 AAGGAATTAATGGTATAGACTTTAAAGGGGAAGCGATAACTTTTAAAGCAACTACTGCTGGAATCCTTGC
 AACACTTTCTCATTGTATTGAACTAATGGTTAAACGTGAGGACAGCTGGCAGAAGAGACTGGATAAGGAA
 ACTGAGAAGAAAAAGAAGACAGAGGAAGCATATAAAAAATGCAATGACAGAACTTAAGAAAAATCCCACT
 TTGGAGGACCAGATTATGAAGAAGGCCCTAACAGTCTGATTAAATGAAGAAGAGTTCTTTGATGCTGTTGA
 AGCTGCTCTTGACAGACAAGATAAAATAGAAGAACAGTCACAGAGTGAAGAGTGAGATTACATTGGCCT
 ACATCCTTGCCCTCTGGAGATGCCTTTTCTTCTGTGGGACACATAGATTGTCCAAAAGGTTGAAGAGA
 TGGTGCAGAACCATGACTTACTCATTACAGGATGTAGGCGGAGATGCCAATTGGCAGTTGGTTGTAGA
 AGAAGGAGAAAATGAAGGTATACAGAAGAGAAGTAGAAGAAAATGGGATTGTTCTGGATCCTTTAAAAGCT
 ACCCATGCAGTTAAAGGCGTCACAGGACATGAAGTCTGCAATTATTTCTGGAATGTTGACGTTTCGAATG
 ACTGGGAAACAACTATAGAAAACCTTTCATGTGGTGGAAACATTAGCTGATAATGCAATCATCATTATCA
 AACACACAAGAGGGTGTGGCCTGCTTCTCAGCGAGACGTATTATATCTTCTGTCATTGAAAGATACCA
 GCCTTGACTGAAAATGACCTGAACTTGGATAGTTTGTAAATTTTCTGTGGATCATGACAGTGTCTCTC
 TAAACAACCGATGTGTCCGTGCCAAAATAAATGTTGCTATGATTTGTCAAACCTTGGTAAGCCCACCAGA
 GGGAAACCAGGAAATTAGCAGGGACAACATTCTATGCAAGATTACATATGTAGCTAATGTGAACCTGGA
 GGATGGGCACCAGCCTCAGTGTTAAGGGCAGTGGCAAAGCGAGAGTATCCTAAATTTCTAAAACGTTTTA
 CTTCTTACGTCCAAGAAAAAACTGCAGGAAAGCCTATTTTGTTT

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSDNQSWNSSGSEEDPETESGPPVERCGVL SKWTNYIHGWQDRWVVLKNNALSYKSEDETEYGCGRGSIC
 LSKAVITPHDFDECRFDISVNDVWYLRAQDPDHRQQWIDAIEQHKTESGYGSESSLRRHGSMLVSLVSGA
 SGYSATSTSSFKKGHSLREKLAEMETFRDILCRQVDTLQKYFDACADAVSKDELQRDKVEDDEDPTT
 RSDGDFLHSTNGNKEKLFPHVTPKINGIDFKGEAITFKATTAGILATLSHCIELMVKREDSWQKRLDKE
 TEKKRRTEEAAYKNAMTELKKKSHFGGPDYEEGPNLSINEEEFFDAVEAALDRQDKIEEQSQSEKVRHLWP
 TSLPSGDAFSSVGTHRFVQKVEEMVQNHMTYSLQDVGGDANWQLVVEEGEMKVYRREVEENGIVLDPLKA
 THAVKGVGTGHEVCNWFVNVDVRNDWETTIEFHVVELADNAIIYQTHKRVWPASQRDVLVLSVIRKIP
 ALTENDPETWIVCNFSVDHDSAPLNNRCVRAKINVAMICQTLVSPPEGNQEISRDNILCKITYVANVNPG
 GWAPASVLRVAKREYPKFLKRTFSYVQEKTAGKPILF

SGPTRRRLAQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_031361
ORF Size:	1794 bp
Buffer:	PBS with 0.001% Pluronic F5042
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_031361.1</u>
RefSeq Size:	2311 bp
RefSeq ORF:	1797 bp
Locus ID:	10087
UniProt ID:	<u>Q9Y5P4</u>
Cytogenetics:	5q13.3
MW:	67.8 kDa