

## Product datasheet for **RC217502A1V**

### Human ZXDC (NM\_001040653) AAV Particle

#### Product data:

<b>Product Type:</b>	AAV Particles
<b>Tag:</b>	Myc-DDK
<b>Symbol:</b>	ZXDC
<b>Synonyms:</b>	ZXDL
<b>Mammalian Cell</b>	None
<b>Selection:</b>	
<b>Vector:</b>	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC217502 representing NM\_001040653  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGACCTCCCGGCGTCTCCCGCCCCGACTGCGCGGGAGGGCAACATGGCGGCGCCCGGCCCGC  
TCCGCCGAGCCCCAGCGCCGCTCGGCGCGAGCCCCGCGCGCCCGCCTGCTACTGGTGCGGGGCCCTGA  
AGATGGCGGGCCCCGGGCGCGGCCGGGAGGCCTCCGGGCCAAGCCCCCGCCCGCAGGACGACAGC  
GACGGCGACTCTTTCTTGGTGTCTGGAAGTGCAGCAGCGCGGCTGCCCGCAGGCTGCCGGATCAC  
AGGAGGCCGAGCCTGGCTCCCGTGTCAACTGGCGAGCCGCCCGAGCAGGGCCCCAGCGGCCCGCCGC  
CCCCCGGGCCCTGGCGTAGCCCCGGCGGCGCGTACCATCAGCAGCCAGGACCTGCTGGTGCGTCTC  
GACCGCGGCTCTCGCGTGTCTGCGCCCGCCGGCCCGCAACCGCGGGCGCCCGCTCCCGCGCGG  
CGCCCCAGGCTCCGGCCCCAGCACCCCGGTACCGTGCCTCCGAGCCGAGTGCAGTGGCCTTCGC  
CAAGAAGCACCAGCTCAAGGTGCACCTGCTCACGCACGGCGCGGTAGGGCCGGCGCCCTCAAGTGC  
CCTACTGGAGGCTGTGGTTGGCCCTTACAACTGCTCAAGCGCACCTGCAGTGCAGCAGACA  
AGCTGCGGCCCTTCGGCTGTCCAGTGGGCGGTGTGGCAAGAAGTCACTACGGTCTATAACCTCAAGGC  
GCACATGAAGGGCCACGAGCAGGAGAGCCTGTTCAAGTGCAGGTGTGCGCCGAGCGCTTCCCCAGCAC  
GCCAAGCTCAGTCCCACCAGCGCAGCCACTTCGAGCCCGAGCGCCCTTACAAGTGTGACTTCCCGGCT  
GTGAGAAGACATTTATCACAGTGAAGTGCCTGTTTTCCATAACCGAGCCCACTTCAGGGAACAAGAGCT  
CTTTCTGCTCCTTCTGGGTGCAGCAAGCAGTATGATAAAGCCTGTCGGTGAATAACCTGCGG  
AGCCATACAGGTGAAAGACATTTATTTGACTCTGACAGCTGTGGTGGACCTTACCAGCATGTCCA  
AACTTCTAAGGCACAGAAGAAACATGACGATGACCGGAGTTTACCTGCCCTGTCGAGGGCTGTGGAA  
ATCATTACCCAGAGCAGAGCATCTGAAAGGCCACAGCATAACCCACCTAGGCACAAAGCCGTTTCGAGTGT  
CCTGTGGAAGGATGTTGCGCGAGGTTCTCCGCTCGTAGCAGTGTACATTCACTCTAAGAAACAGTGC  
AGGATGTGGGTGCTCCGAAAAGCCGTTGCCAGTTTCTACCTGCAACAGACTCTTCACTCCAAGCACAG  
CATGAAGGCGCACATGGTCAGACAGCACAGCCGGCCCAAGATCTTACCTCAGCTAGAAGCTCCGAGT  
TCTCTTACTCCAGCAGTGAACCTCAGCAGCCAGGCCAAAGTGAAGTCACTAACATGGATCTTGTGTCAC  
TCTTCTGACACACCTGCCAATGCTAGTGGTCTGCAGGTGGTTCGGATGAGGCTCTGAACTCCGGAAT  
CCTGACTATTGACGTCACTTCTGTGAGCTCCTCTGCGGAGGGAACCTCCCTGCTAATAATAGTCCCTA  
GGGCCGATGGAACCCCTGGTCTGGTGGCCACAGTATATCCCCAAGCCTGGACAGCCCTCTGGTTC  
TCGGGACAGCAGCCAGGTTCTGCAGCAGGCGAGCTTCAAGTGTGGATGACGTGCAGACTGTGAGTGCAGG  
AGCATTAGGCTGTCTGGTGGCTCTGCCATGAAGAAGTTCAGTGCAGCAGCCACTGGCTTTGACCTCCAAT  
AGTAACTTAGCAGCACATACACCACACCGACTCTTTCGAGCAGCCCCGAGAAAATGCCAGTGTCCCGG  
AACTGCTGGCTCCAATCAAGTGGAGCCGACTCGCTTCTCGCCAGGAGCAGTTGGGCAGCAGGAAGG  
AAGCCATGGGCTGCCCCAGTCCAGTTGCCAGTCCAGCAGAGCAGCAGGTCGCCAGGACACAGAGCTC  
AGTGCAGGCACTGGCAACTTCTATTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Protein Sequence:</b>	>RC217502 representing NM_001040653 Red=Cloning site Green=Tags(s)  MDLPALLPAPTARGGQHGGPGPLRRAPAPLGASPARRRLLLVIRGPEGGPGARPGEASGPSPPPAEDDS DGDSFLVLLLEVPHGAAAEEAGSQEAEPGSRVNLASRPEQGSPGAAPPGGVAPAGAVTISSQDLLVRL DRGVLAL SAPPGPATAGAAAPRRAPQASGPSTPGYRCPEPQCALAF AKKHQLKVHLL THGGGQGRPFKC PLEGCGWAF TTSYKLRHLQSHDKLRPFGCPVGGCGKKFTTVYNLKAHMKGHEQESLFKCEVCAERFPTH AKLSSHQRSHFEPERPYKCDFPGCEKTFITVSALF SHNRAHFREQELFSCSFPGCSKYDKACRLKIHLR SHTGERPFI CDSDSCGWTF TMSKLLRHRKHDDRRFTCPVEGCGKSFTRAEHLKGHSITHLGTKPFEC PVEGCCARFSARSSLYIHSKKHVQDVGAPKSRCPVSTCNRLFTSKHSMKAHMVRQHSRRQDLLPQLEAPS SLTPSSELSSPGQSEL TNMDLAALFSDTPANASGSAGGSDEALNSGILTIDVTSVSSSLGGNLPANNSSL GPMEPLVLAHSDIPPSLDSPLVLGTAATVLQQGSFSVDDVQTVSAGALGCLVALPMKNLSDDPLALTSN SNLAAHITPTSSSTPRENASVPELLAPIKVEPDSPSRPGAVGQQEGSHGLPQSTLPSPAEQHGAQDTEL SAGTGNFYLV  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001040653
<b>ORF Size:</b>	2130 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F7701
<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>	<a href="#">NM_001040653.2</a>
<b>RefSeq Size:</b>	12600 bp
<b>RefSeq ORF:</b>	2133 bp
<b>Locus ID:</b>	79364
<b>UniProt ID:</b>	<a href="#">Q2QGD7</a>
<b>Cytogenetics:</b>	3q21.3
<b>MW:</b>	74.8 kDa