

Product datasheet for **RC221915A1V**

Human BMX (NM_001721) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BMX (NM_001721) AAV Particle
Tag:	Myc-DDK
Symbol:	BMX
Synonyms:	ETK; PSCTK2; PSCTK3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221915 representing NM_001721
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATACAAATCTATTCTAGAAGAACTTCTTCTCAAAGATCACAGCAAAGAAGAAATGTCACCAA
 ATAATTACAAAGAACGGCTTTTTGTTTTGACCAAAACAAACCTTCTACTATGAATATGACAAATGAA
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 GGTCAAGTACCATAGTGGTTCTTCGTGGACGGGAAGTTCCTGTGTTGCCAGCAGAGCTGTAAAGCAGCC
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 TAGAAATGTGCTACGATGTCTGTGAAGGCATGGCCTTCTTGGAGAGTCACCAATTCATACACCGGACTT
 GGCTGCTCGTAACTGCTTGGTGGACAGAGATCTCTGTGTGAAAGTATCTGACTTTGGAATGACAAGGTAT
 GTTCTTGATGACCAGTATGTCAGTTCAGTCGGAACAAAGTTTCCAGTCAAGTGGTCAGCTCCAGAGGTGT
 TTCATTACTTCAATACAGCAGCAAGTCAGACGTATGGGCATTTGGGATCCTGATGTGGGAGGTGTTGAG
 CCTGGGGAAGCAGCCCTATGACTTGTATGACAACCTCCAGGTGGTTCTGAAGGTCTCCAGGGCCACAGG
 CTTTACCGGCCCCACCTGGCATCGGACACCATCTACCAGATCATGTACAGCTGCTGGCAGAGCTTCCAG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221915 representing NM_001721 Red=Cloning site Green=Tags(s) MDTKSILEELLKRSQKKKSPNNYKERLFVLTKTNLSYYEYDKMKRGSRKGSIEIKKIRCVEKVNLEE QTPVERQYPFQIVYKDGLLVYASNEESRSQWLKALQKEIRGNPHLLVKYHSGFFVDGKFLCCQQSCKAA PGCTLWEAYANLHTAVNEEKHRVPTFPDRVLKIPRAVPVLKMDAPSSSTTLAQYDNESSKNYGSQPPSSS TSLAQYDSNSKKIYGSQPNFNMQYIPREDFPDWWQVRKLKSSSSSEDEVASSNQKERNVNHTTSKISWEFP ESSSSEEEENLDDYDWFAGNISRSQSEQLLRQKGKEGAFMVRNSSQVGMVTVSLFSKAVNDKKGTVKHYH VHTNAENKLYLAENYCFDSIPKLIHYHQHNSAGMITRLRHPVSTKANKVPDSVSLGNGIWELKREEITLL KELGSGQFGVVQLGKWKQYDVAVKMIKEGSMSEDEFFQEAQTMMKLSHPKLVKFYGVCSKEYPIYIVTE YISNGCLLNYLRSHGKLEPSQLLEMCYDVCEGMAFLESHQFIHRDLAARNCLVDRDLCVKVSDFGMTRY VLDDQYVSSVGTKFPVKWSAPEVFHYFKYSSKSDVWAFGILMWEVFSLGKQPYDLYDNSQVVLKVSQGHR LYRPHLASDTIYQIMYSCWHELPEKRPTFQQLSSIEPLREKDKH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001721
ORF Size:	2025 bp
Buffer:	PBS with 0.001% Pluronic F8413
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_001721.4</u>
RefSeq Size:	2514 bp
RefSeq ORF:	2028 bp
Locus ID:	660
UniProt ID:	<u>P51813</u>
Cytogenetics:	Xp22.2
MW:	77.8 kDa