

Product datasheet for **MR221196A1V**

Mouse *Osbp17* (NM_001081434) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Osbp17</i> (NM_001081434) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Osbp17</i>
Synonyms:	4933437E18Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR221196 representing NM_001081434
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAGAGACAGGAAGGACACCTGCTCAAGAAGAGGAAGTGGCTCTTAAGGGCTGGCACAAGAGGT
 ACTTTGTGCTGGAGGACGGGATCTACACTATGCCACGACTCGACAAGATATCACCAAGGGGAAGGTCCA
 CGGCTCCATCGATGTCCGGCTATCCGTCATGTCCATCAACAAAAAGGCCAGCGCATTGACCTCGACACA
 GAAGACAACATTTACCACCTAAAGATCAAACTCTCAGGACCTGTTCCATAGCTGGGTGGCCAGCTTCGAG
 CCCACCGCTTGGCCAGCGCTTGGACATGCCAGTGCCACTCATCGGAAGGCTCCTGGTACCCAGATGCT
 AACAGCAGGCAGTGCTTCGCGCTTACCTGGGTTGGACCTCGAGAGAAAGTGTCATCCTGGCTGAGGGAC
 AGTGACGGGCTAGACCGATGTTCTCATGCACTCTCAGAATGCCAGGGTAAGCTGCAGGAACACACAGAC
 TCCTTCAGAGCCTGGAGTCCCTACACCGCATCCCCTCTGCCCGCTGATCCCTACACACCAGACCTCAGT
 GACGACCGAGAGACCCAAGAAAGGAAAACGAACAGTCGCATGTGGTGCACACAGGGCTTCGCCAAGGAT
 GACACCATCGGACGGGTTGGCCGTCTCCATGGCTCTGTTCCCAACCTATCTCGTTACTTGGAGTCTCGGG
 ACACTTCTGGCCCCCGTGGCTGCCACCTCCAGACTATGCCCATCTGCAGCGCAGTTTCTGGGCTCTGGC
 CCAGAAGGTGCACAACCTCTCAGCAGTGCTGTTGGTGGCCCTACCCACAGAACGGGACCGACTGAGAGAC
 CTGCACCAGGGCTCAGAGCTGTCAAGGATGGTAGTTTCTGAGGCCCGGATGGTCAGAGACGCCTCCACT
 CACTCTCCATCTCTCAGACACCACGGCAGACTCCTTCAGTTCCCTGAACCCGGAGGAGCAAGAAGCTCT
 GTACATGAAAGGCCGAGAGCTGACCCCCAGCTGTGCGAGAGCAGTGCTGTCCCTCGCCGACTCCCAC
 ACCGAGTTCTTTGATGCCTGTGAGGTGCTCCTCTGCCAGTTCTTCCGAGAATGAGGTGAGGGAGGAGG
 GATCTTGTGCTAGCGAGATCACACACAGCCTGTCTGAGGAGGTGCTGGATATCAGGGGAGCTGACCGCTA
 TCAAAAAGGGCCGTGTGTTCCAGGGATTGCTGTGGGACCTCCTCGCCGCCGCTGCCTGCCAGTGCCAGT
 GGGCTGGGACAGACGTGAGCCTGTGGAATATCCTCCGCAACAACATCGGCAAGACCTGTCCAAGGTGT
 CGATGCCTGTGCAGCTCAACGAACCGCTCAACACACTGCAGAGGCTCTGCGAGGAGTTGGAATATAGCAG
 CCTCTGGACCAGGCCAGCCGATGGCCGACCCCTGCGAGCGCATGGTGTACATCGCAGCCTTTGCTGTC
 TCTGCCTACTCTCCACGTACCACCGGGCGGGATGCAAGCCCTTCAACCCGGTCTGGGAGAGACCTACG
 AGTGTGAGCGGCCTGACCGGGTTTCCGTTTTATCAGCGAGCAGGTCTCCACCATCTCCGATCTCCGC
 GTGTACGCAGAATCTGAGAACTTCATCTTCTGGCAAGACATGAAATGGAAGAACAAGTTCTGGGGCAAA
 TCCCTGGAGATCGTGCCTGTGGGACAGTCAATGTGAGTCTGCCAGGTTTGGGGACCACTTTGAGTGGA
 ACAAGGTGACGTCCTGTATTACAACATCCTGAGTGGCCAGCGCTGGATCGAGCACTATGGGGAAGTGCT
 TATCCGAAACACACAAGATAGCTCCTGCCACTGCAAAATCACCTTTTGAAGGCCAAGTACTGGAGTTCC
 AACATCCATGAGGTACAAGGTGCGGTGCTTAGTAGGAGTGGCCGCGTCTCCACCGCCTCTTCGGGAAGT
 GGCATGAGGGGCTGTACCGAGGCCCCCACCAGGTGGGAGTGCAATTTGAAACCAATTTCGATGCCTCC
 AGACCATGAGCGAACTTCGGGTTCACTCAGTTTGCCCTGGAAGTGAATGAGCTGACGTCAGAGCTGAAG
 CGGACCCTGCCTTCCACTGACACACGGCTCCGACCTGACCAGAGGTACCTGGAGGAGGGGAACATACAGG
 CTGCTGAGGCCCAAGAGAAGGATAGAGCAGCTCCAGCGAGACCGGAGAAGGGTGATGGAAGAAAATAA
 CATAGTCCACAGGCGCGCTTCTCAGGCGACAGACAGACAGCAGCGGCAAGGAGTGGTGGGTGACCAAC
 CATACTTACTGGAGGCTTCGAGCTGAGCCAGGCTATGGGAACCTGGATGGGGCCGTGCTCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR221196 representing NM_001081434 Red=Cloning site Green=Tags(s) MPERQEGHLLKKRKWPLKGWHKRYFVLEDGILHYATTRQDITKGKVHGSIDVRLSVMSINKKAQRIDLDT EDNIYHLKIKSQDLFHSWVAQLRAHRLAQRLDMPATHRKAPGTQMLTAGSASALPGVGPKEKVSWSLRD SDGLDRCSHALSECQGLQELHRLQLSLES LHRIPSAPVIPHTQTSVTTERPKKGKRTSRMWCTQGFADK DTIGRVGRLHGSVPNLSRYLES RDTSGPRGLPPPDYAH LQSFWALAQKVHNSLSSVLVALTTERDRLRD LHQGSELSRMVVSEAPDQRRHLHSLISSDTTADSFSSLNPEEQEALYMKGRELTPQLSQSSVLSLADSH TEFFDACEVLLSASSSENEVREEGSCASEITTSLSSEVLDIRGADRYQKGPCVPGIAGVPPRRRCLPAAS GPGTDVSLWNILRNNIGKDL SKVSMPVQLNEPLNTLQRLCEELEYSSLLDQASRMADPCERMVYIAAFV SAYSSTYHRAGCKPFNPVLGETYECERPDGRFRFISEQVSHHPPISACHAESENFIFWQDMKWNKFWGK SLEIVPGTVNVSLPRFGDHFEWNKVTSCIHNILSGQRWIEHYGEVLIRNTQDSSCHCKITFC KAKYWSS NIHEVQGA VLSRSGRVLHRLFGKWHEGLYRGPPPGGQCIWKPNMPPDHERNF GFTQFALELNELTSELK RTL PSTDTRLRPDQRYLEEGNIQAAEAQKRRIEQLQRDRRRVMEENNI VHQARFFRRQT DSSGKEWWVTN HTYWRLRAEPGYGNLDGAVLW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001081434
ORF Size:	2373 bp
Buffer:	PBS with 0.001% Pluronic F3221
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_001081434.1, NP_001074903.1</u>
RefSeq Size:	3535 bp
RefSeq ORF:	2376 bp
Locus ID:	71240
Cytogenetics:	11 D
MW:	90.4 kDa