

Product datasheet for **MR210087A1V**

Mouse Phactr4 (NM_175306) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Phactr4 (NM_175306) AAV Particle
Tag:	Myc-DDK
Symbol:	Phactr4
Synonyms:	3110001B12Rik; AI527228; AW495572; C330013F19Rik; mKIAA4120; N28169
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210087 representing NM_175306
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGACCCATCGGAAGAAGCAGAGCAGCCCTCTGGAGACCCAGGCATGGGCATGGACAGTGTGGAAG
 CAGGGGACACAACACCTCCACCAAAAAGGAAAAGCAAGTTCTCAGCGTTAGGCAAGATCTTCAAGCCGTG
 GAAATGGAGGAAAAAAGAGCAGTGATAAGTTCAAAGAGACATCAGAAGTTTTAGAGCGAAAAATATCT
 ATGCGAAAACCAAGAGAAGAAGTGGTTAAACGAGGGGTTCTGTTGGAGGACCCGAGCAGGATGGTGAGG
 ATTCAGGAAAGCTGAGCCATGCTGCATTAAGAACGGACACACCAACCCCATAGGCAGTGCCAGGTCCTC
 TAGCCAGTCTGGTGAAGAAGAGCCAGAGAGAAGTCTCAGGAACCTCACTCCAGAAGAGGAGTCAAAG
 AAGAGACTTGGCTCAACTGGAAGCCAGCCTAAGTCTGAAGCCGAGCCTGGTCTGAGCATGCACCTAAGC
 AGCCTCTGCTGCCCCCAAGAGACCCTTGTCTCTTCTTGTGAAGCAAAGGAGGTTCCGGCTGGCAGTAC
 AGCAAGGTCCGTCTCTCCACCTCTGGCTCTACCACCGTGACATCTGCTGCCACCACTGCTGCCACAGAC
 ATGACAAAGACTGTAAAGTCCTTTGTGGGCCCCACCCCGCTCCTGCCCCGCCCCAGGACTCTGCCTG
 CTGCTCCTGCCAGTGCTAACTGCTGCCACCACTACAGCCCTGCCAAGCAACCCCCATCCCACCCCC
 TAAACCAGCTCAGAGAAACAGCAACCCCATATTGCTGAACTATCCCAAGCAATGAACAGTGGCACAGTG
 CTGTCGAAACCATCCCCACCTTGCCACCCAAGAGAGGCAATCCATCACTTCGATACCCAGCTTGGAGC
 CTGCTGCTTCGTTCACTAAGACAGCAATGATCAAAGAGAAAAACTGTCTCTTTGTGTTTGAAGC
 ACCACTGATAATCCCGCCTTCGTCCTCATCCCCACTGCCTACCCACATACCTCCGAGCCTCCACGG
 TCCCTCTAGTGCCTGCTAAGACTTTTCAAATTGTGCCAGAGGTTGAGTTTTCTCTTCTTCAGATCTAT
 TCCAGGACATTTCCAGCAGGAGGATCAGAAAAAGAGTCCCAAGAAGATACAGGATCAGAGCTTTGG
 GGAGTCCCATATACCCTCCAGGCTGCCCCCACTCCCACTGCATATCCGAATTACGAGGCCCTTACCAGC
 CCCCTTCTGTGACCCCTCCCTTGAAGGCACTCACAGAGCCATTCACTGCTTTTTGAGAACAGTGACA
 GCTTCTCCGAGGACACTGGTACCCTGGTCTGACAGGTCACTTCCCATCACGATTGAGATGTTGAAAGT
 TCCAGATGATGAAGAGGAAGAGCAGACCTGCCGTTTGTGAAGACGTGACGTCTACCTCAGCCACTCT
 AGCCTACCACTGTGTCTGCGAGAGGAAGAGAAGGAGAGTCACTCAGATTCAGAGGGTCCCATTAAAGTACC
 GAGATGAAGAAGAAGATGATGATGATGATGAAAGCCATCAGAGTGCCTGGCCAACAGAGTGAAGAGGAA
 GGACACGCTGGCAATGAAGCTGAGCAGCAGACCCAGTGAACCAGAGACCAACCTGAATTCTTGGCCTCGT
 AAAAGCAAGGAGGAGTGAATGAAATACGGCACCAGATCGGGAACACGCTGATCCGGCGCTGAGTCAGA
 GACCAACAGCAGAAGAATTGGAGCAGCGGAACATACTACAGCCTAAAAATGAAGCTGATCGGCAAGCAGA
 GAAACGGGAAATCAAGCGTCGCCTCACTAGAAAGCTCAGTCAAAGGCCAACTGTGGCTGAAGTGTGCTGCC
 AGGAAGATTCTGCGGTTTAATGAGTATGTGGAAGTAACTGATGCTCATGACTATGACCGGCGAGCAGACA
 AACCATGGACCAAACTGACTCCTGCTGACAAGGCTGCCATAAGGAAAGATTAAATGAATTTAAGAGCTC
 GGAGATGGAGGTTTCATGTAGACAGCAAACTTTACACGCTACCATCGCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210087 representing NM_175306 Red=Cloning site Green=Tags(s) MEDPSEAEQPSGDPGMGMDSEAGDTPPTKRKSKFSALGKIFKPWKWRKKSSDKFKETSEVLERKIS MRKPREELVKRGVLLEDPEQDGEDSGKLSHAALKNGHTTPIGSARSSSPVLVEEPEPSLRNLTPEEESK KRLGSTGSQPNSEAEPGEHAPKQPLLPPKRPLSSSCEAKEVPAGSTARVSSTSGSTTVTSAATTAATD MTKTVKSFVGTPAPAPAPRTLPAAPASANTAATTTAPAKQPPIPPPKPAQRNSNPPIAELSQAMNSGTV LSKPSPLPPKRGIPSTSIPLSLEPAASFSTTKTANDQREKTVSLCLEPPLIIPPSSPSPPLPHIPPEPPR SPLVPAKTFQIVPEVEFSSSSDLFQDISQQEDQKTEVPKKIQDQSFGESHIPSRLLPPLPHIRIQQALTS PLPVTPLLEGTHRAHSLLFENSDFSSEDGTGLGRTRSLPITIEMLKVPDDEEEETCPFVEDVTSTSATP SLPLCLREEEKESDSDSEGPIKYRDEEEDDDDESHQSALANRVKRKDTLAMKLSSRPSEPETNLNSWPR KSKEEWNEIRHQIGNTLIRRLSQRPTAEELQQRNQLQPKNEADRQAEKREIKRRLTRKLSQRPTVAELLA RKILRFNEYVEVTDADHYDRRADKPWTKLTPADKAAIRKELNEFKSSEMEVHVDSKHFTYHRP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_175306
ORF Size:	2082 bp
Buffer:	PBS with 0.001% Pluronic F1185
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_175306.4, NP_780515.2</u>
RefSeq Size:	4585 bp
RefSeq ORF:	2085 bp
Locus ID:	100169
UniProt ID:	<u>Q501J7</u>
Cytogenetics:	4 D2.3
MW:	76.6 kDa