

Product datasheet for **MR208849A1V**

Mouse Phactr3 (NM_028806) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Phactr3 (NM_028806) AAV Particle
Tag:	Myc-DDK
Symbol:	Phactr3
Synonyms:	1500003N10Rik; 4930415A02Rik; H17739; mKIAA4224; Scapin1; Scapinin
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208849 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCGCATCCGAGGACGGCAGCAGCTGCCTTGTGTCGCGGGGCGCTCGCAGAGTGACCCAGCTTCC
 TCAGCGACTCCTCAGCCACCTCCACGGACGCCGGGAGAACCCAGATGAGATGGACCAAATCCCCCAGC
 ACGCTCAGAGCCTCTGGTCTCAGGGATTGAACTCCCCCTGTGAGGAGGAACAGCAAGCTGGCCACCCTG
 GGCAGGATCTTCAAACCTTGAAATGGAGGAAAAAGAAACGAGAACTGAAGCAGACGACGTACGCGC
 TGGAGAAGAAGATGGCTGGCAGGCAAGGCCGGGAGGAACATCAAGCAGGGACTGCTGGAGATGATGGA
 GCAAGATTCTGAAATAAGGCATGCAGTCCCAAGGAAGGCTCCCAACCTGTGCAGAGTGAGCCGCCCGCT
 GGCGAGCAGGAGACGCTGACCTCGGAGGGCGCCAGCCGGAAGCCCTCGGCCAGTGGAACAGATCAGG
 TGTCCCAGGATGAGCTTCTGCTCTCCGATGCTCATCTGGATGATACAGCCAATATACCGTCTGCATCCAC
 TCGGGAAGAAGCAGACGCTGGCAGCCTCTGCCACCAGTATGAGCCCTCTCAAGCCTTAGCTGGGTCT
 GACTCCCTGGACAGTCTCCAGATCCCTGGAGAGATCTGTGAGCCAGCTCCCAAGCCCTCCACTGCTGC
 CCACCCCGCCACCCAAGGCCAGCTCTAAAGCCACAAAAATGTACAGGACAAGCTGCGCTCTTCCAAGG
 CCCCAGCATGAAGAACAATGAGCCGGCTCTCAGAGGACAGCTTGCCACCCCAAGGGTCCCCTCATGTC
 ACCACTGTCCACCGGCCACTGCCCGCCAGCCGCTGATGGAGGAGCTGCATAGGGCACTGGCTACAAAGC
 ACCGTCAAGACAGTCTTCAAGGGCGGGAATGCAGAGGGTCTCCAAAGAAGCGGATGGATGTGCGTCTGTC
 TAGGACGTCCAGCATGGAGCGGGGCAAGGAGAGGGACGAGGCGTGGAGCTTTGACGGGGCTCAGAGAAC
 AAGTGGACGGCTACCAAAGACTCCGAGGAGAACAAAGGAGAATCTGATGCTGAGCTCCGAGCTCAAGGATG
 ACATGCTCCTGTATCAGGACGAGGAGGCGCTCAATGACTCCATCATCTCGGGAACCTTGGCGAGGAAATG
 CAAGAAGGAGTTGCTGGCAGTGAAGCTGAGGAACCGGCCGAGCAAGCAGGAGCTAGAGGACCGGAACATC
 TTCCCCAGGAGGACCGATGAGGAGAGACAGGAGATCCGACAGCAGATAGAGATGAAGCTGTCAAAGGC
 TGAGCCAGAGACCCGCCGTGGAGGAACGGAGAGAAGAAATATCCTGAAACAAAGGAATGATCAGACAGA
 GCAGGAAGAAAGGAGAGAAATCAAGCAAAGATTAACAAGAAAGCTTAACCAGAGACCCACTGTTGATGAA
 TTGAGAGACAGAAAAATCTGATCCGTTTCAGTGATTATGTGGAAGTAGCAAGAGCACAGGACTATGACA
 GGAGGGCAGACAAGCCCTGGACAAGACTGTCAGCAGCAGATAAGGCAGCAATTCGTAAGAATTAATGA
 ATATAAAGTAACGAAATGGAGGTACACGCATCCAGCAAGCACTTGACAAGATTCCACAGGCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208849 representing NM_028806
 Red=Cloning site Green=Tags(s)

MAASEDGSSCLVSRGRSQSDPSFLSDSSATSTDAGENPDEMDDQTPPARSEPLVSGIRTPPVRNRSLATL
 GRIFKPWKWRKKNEKLKQTTSALEKKMAGRQGREELIKQGLLEMMEQDSENKACSPKEGSQPVQSEPPA
 GEQETLTSEGAQPGSPSASGTDQVSQDELLSSDAHLDDTANIPASTAEADAGSLLPTTDEPSQALAGS
 DSLDSPRSLERSVSQLPSPPLPTPPKASSKATKNVTGQAALFQGPSPKNNPALRGQLATPTGSPHV
 TTVHRPLPPSRVMEELHRLATKHRQDSFQGRECRGSPKKRMDVRLSRTSSMERGKERDEAWSFDGASEN
 KWTATKDSEENKENMLSSELKDDMLLYQDEEALNDSIISGTLPRKCKKELLAVKLNRNPSKQLEDRNI
 FPRRTDEERQEIQQIEMKLSKRLSQRPAVEELERRNLIKQRNDQTEQERREIKQRLTRKLNQRPTVDE
 LRDRKILIRFSDYVEVARAQDYDRRADKPWTRLAADKAAIRKELNEYKSNEVEHASSKHLTRFHRP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_028806

ORF Size:	1674 bp
Buffer:	PBS with 0.001% Pluronic F68
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_028806.1</u>
RefSeq Size:	5100 bp
RefSeq ORF:	1677 bp
Locus ID:	74189
UniProt ID:	<u>Q8BYK5</u>
Cytogenetics:	2 H4
MW:	62.7 kDa