

Product datasheet for **MR210693A1V**

Mouse Furin (NM_001081454) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Furin (NM_001081454) AAV Particle
Tag:	Myc-DDK
Symbol:	Furin
Synonyms:	9130404I01Rik; Fu; Fur; PA; PACE; Pcs; Pcsk3; SP; SPC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210693 representing NM_001081454
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGAGATCCTGGTTGCTATGGGTGGTCGACGACGAGGAGCCGTGGTCCTGCTGGCAGCTGATG
 CTAAGGCCAGAAGATCTTACCAACACCTGGGCCGTGCACATTCCTGGAGGCCAGCTGTGGCTGATAG
 GGTGGCGCAGAAGCATGGCTTCCACAACCTGGGCCAGATCTTCGGTGACTATTACCACTTCTGGCACAGA
 GCAGTGACAAAGCGGTCCCTGTCGCCTACCGCCCGGCCACAGCCGGCTACAGAGGGAGCCTCAAGTAA
 AGTGGCTGGAGCAGCAGGTAGCCAAGCGAAGAGCCAAGAGGGACGTGTATCAGGAGCCCACGGACCCCAA
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 ACAGATGAATGACAACAGGCATGGCACTCGCTGTGCCGGGAAGTGGCAGCAGTGCCCAACAATGGTGTC
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 TTCTGGGATGAGGATCCGGCTGGCGAATGGGTCTAGAGATTGAAAATACCAGTGAAGCCAACAATAT
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 GCAGCGGCTGCAAGACCTCACATCCAGCCAGGCTGCGTGGTGTGTGAGGAAGGTTACTCTCTGCCACCA
 GAAAAGCTGTGTCCAGCACTGCCACCAGGCTTCATCCCCAAGTCTTGATACACACTACAGCACTGAG
 AATGATGTGGAGATCATCCGTGCCAGCGTCTGTACCCCTGCCACGCCTCATGTGCCACTTGGCAGGGCC
 CGGCCCCACAGACTGCCTCAGCTGCCCCAGCCATGCCTCCCTGGACCCAGTGGAGCAGACCTGCTCCCG
 GCAAAGCCAGAGCAGCCGGGAGTCTCGGCCTCAGCAGCAGCCTCCTGCACTGCGCCCTGAGGTGGAGATG
 GAGCCCCGGCTGCAGGCTGGGTTGGCCTCTCACCTGCCGAGGTCTGGCCGGCCTCAGCTGCCTTATCA
 TCGTGCTCATCTTTGGCATCGTCTTCTGTTCTGCATCGGTGTTGCGGCTTCACTTCCGGGGAGTGAA
 AGTGTACACCATGGACCGGGCCTCATCTCTACAAGGGGCTGCCCTGAAGCCTGGCAGGAGGAGTGC
 CCATCGGACTCAGAGGAGGACGAGGGCCGGGCGAGAGGACCGCCTTCATCAAAGACCAGAGCGCCCTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210693 representing NM_001081454 Red=Cloning site Green=Tags(s) MELRSWLLWVVAAGAVLLAADAQGQKIFTNTWAVHIPGGPAVADRVAQKHGFHNLGQIFGDYYHFWHR AVTKRSLSPHRPRHSRLQREPQVKWLEQQVAKRRAKRDVYQEPTDPKFPQQWYLSGVTQRDLNVKEAWAQ GFTGHGIVVSILDDGIEKNHPDLAGNYDPGASFVDNDQDPDPQPRYTQMNDNRHGTRCAGEVAAVANNGV CGVGVAYNARIGGVRMLDGEVTDAVEARSLGLNPNHIHIYSASWGPEDDGKTVDPARLAEAEFFRGVSQ GRGGLGSIFVWASGNGGREHDSNCNCDGYTNSIYTLSSISSATQFGNVPWYSEACSSTLATTYSSGNQNEKQ IVTTDLRQKCTESHTGTSASAPLAAGIIALTLEANKNL TWRDMQHLVVQTSKPAHLNADDWATNGVGRKV SHSYGYGLLDAGAMVALAQNWTTVAPQRKCIVEILVEPKDIGKRLEVRKAVTACLGEPNHITRLEHVQAR LTL SYNRRGDLAIHLISPMGTRSTLLAARPHDYSADGFNDWAFMTTHSWDEDPAGEWVLEIENTSEANNY GTLTKFTLVLYGAPEGLSTPPESSGCKLTSSQACVCEEGYSLHQKSCVQHCPPGFIQVLDTHYSTE NDVEIIRASVCTPCHASCATCQGPAPTDCSCPSHASLDPVEQTCSRQSQSSRESRPQQQPPALRPEVEM EPRLQAGLASHLPEVLAGLSCLIIVLIFGIVFLFLHRCSGFSFRGVKVYTMDRGLISYKGLPPEAWQEEC PSDSEDEGRGERTAFIKDQSAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001081454
ORF Size:	2379 bp
Buffer:	PBS with 0.001% Pluronic F1772
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_001081454.1</u>
RefSeq Size:	4166 bp
RefSeq ORF:	2382 bp
Locus ID:	18550
UniProt ID:	<u>P23188</u>
Cytogenetics:	7 45.65 cM
MW:	87.2 kDa