

Product datasheet for **MR219037A1V**

Mouse Smpd4 (NM_029945) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Smpd4 (NM_029945) AAV Particle
Tag:	Myc-DDK
Symbol:	Smpd4
Synonyms:	4122402O22Rik; mKIAA1418
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR219037 representing NM_029945
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTTCCCTCACCTACAACAGCCTAGTTTCCTTCTGGCTAGCCTGAAAGCTGACTCTATAAATAAGC
 CCTTTGCACAACGTTGCCAAGATTTGGTGAAAGTCATTGAGGATTTCCAGCCAAGGAATTGCATGCCGT
 CTTCCCATGGCTGGTGAAAGCATCTTTGGCAGCCTGGATGGTGTCTTGTGGTTGGAATCTCCGATGC
 CTACAGGGACGTGTGAACCTGTGGAGTACAGCACAGCGATGGAATTTCTAGACCCAAGTGGTCCAATGA
 TGAAGTTGGTTTATAAATTCAAGCTGAAGACTATAACTTTGATTTTCTGTCTCTGTCTTCTGGCCC
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 CCCCTGTTGTGACAGATGCCTCCTTCAAGGTGAAGAGCCATGTCTATAGCCTAGAGGGCCAAGACTGCAA
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 AAGCAGACTGCCAAGTCCATCTCTGATCAGTATGTGAAAGCCCAACTGGCCGCTCCTTCTGTCTATGGC
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 AAGGTTTCGAGATTGAGTACCAGGGAGACTTAGAGCTGCAGCCCATCCGGAGCTACGAAATCACCAGTCTG
 GTCCGTGCACTCTTCCGGCTGTCCTCTGCCATCAACCGTAGATTTGCAGGCCAGATGGCAGCTCTGTGCT
 CCCGGAATGACTTCTTGGCAGCTTCTGTGCTACCACTCACTGAGCCTGCCTTGAGCAACAGACATCT
 GCTGAGCCCTGTAGGGCGGAGGCAGGTACCAATCCTGCACGGGGCCCCAGGCTCAGCCTCCGTTTCTCTG
 GGCAGTTACCGGACACTGCTCCTGCTCCTGATGGCCTTCTTTGTGGCTTCTCTGTTCTGATTGGGCCCC
 TGTCTGCTCCTTGTCTCTGGTCTAGGATACGCTCTATGCCATAGCTATGACACTGCTCACTGAACG
 GGGGAAGCTGCACCAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR219037 representing NM_029945 Red=Cloning site Green=Tags(s) MAFPHLQQPSFLLASLKADSINKPFAQRCQDLVKVIEDFPAKELHAVFPWLVESIFGSLDGVLVGWNLRCLQGRVNPVEYSTAMEFLDPSGPMMLVYKLQAEDYNFDFPVSCLPGPVKASIQENVLPDSPLYHNKVQFPPTGGLGLNLALNPFEEYMFYFALSLSIQKPMSTLHVRTSDCAYFTLVDRYLSWFLPTEGSVPPPLCSSPGGSSPSPAPRTPAMPFASYGLHTSLLKRHISHQTSVNADPASHEIWRSETLLQVFVEMWLHHYSLEMYQKMQSPHAKLEVLHYRLTVSSALHSPAQPSLQALHAYQESFTPTTEHVLVVRLLKHLHAFANSLKPDQASPSAHSHATSPLEEFKRAAVPRFVQKLYVFLQHCFGHWPLDATFRAVLEMWLSYLQPWRYAPEKQAQGSDPQPRCVSEKWAPFIQENLLMYTKLFVSFLNRLRTDLVSPKNALMVRVAKVFAQPNLAEMIQKGEQLFLEPELIIPHRQHRLFTVTTSTFLSPWPPVTDASFVKSHVYSLEGQDCKYTPMGPEIRTLVLRLAQLITQAKQTAKSISDQYVESPTGRSFLSWLTFGLTDTNSCYPANDLDEIGQDSIRKTDEYLEKALEYLRQIFRLSEAQLAQLTLALGSARDENGKQQLPDCIVGEEGLITPLGRYQIINGLRRFEIEYQGDLELQPIRSYEITSLVRALFRLSSAINRRFAGQMAALCSRNDFLGSFCRYHLEPALSNRHLLSPVGRRQVTNPARGPRLSLRFLGSYRTLTLMLMAFFVASLFCIGPLSCSLLLVLGYVLYAIAMTLLTERGKLHQL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_029945
ORF Size:	2469 bp
Buffer:	PBS with 0.001% Pluronic F2913
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_029945.3</u> , <u>NP_084221.2</u>
RefSeq Size:	4632 bp
RefSeq ORF:	2472 bp
Locus ID:	77626
UniProt ID:	<u>Q6ZPR5</u>
Cytogenetics:	16 A3
MW:	93.7 kDa