

Product datasheet for **MR210767A1V**

Mouse Spon1 (NM_145584) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Spon1 (NM_145584) AAV Particle
Tag:	Myc-DDK
Symbol:	Spon1
Synonyms:	AI666765; AW455831; BC020531; D330035F22Rik; FSP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210767 representing NM_145584
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGCTGTCTCCCGTGTCCCTGAGGCTTAGCCGGGTCGGCGCTGCTGGCCCTCGCGCTGCCCTGG
 CCGCAGCGCTAGCTTTCTCAGATGAGACCCTGGACAAAGTGACCAAGTCGGAGGGCTACTGCAGCCGCAT
 CTTGCGCGCCAGGGCACACGGCGTGAGGGATACACGGAGTTCAGCCTCCGCGTGAAGGCGACCTGAC
 TTCTATAAGCCAGGAAGCAGCTACCGAGTGACACTTTCGGCTGCTCCTCCCTCCTACTTCAGAGGTTTCA
 CGTTAATTGCCCTCAAAGAGAACCAGGAGGGAGATAAGGAAGAAGATCATGCAGGCACCTTCAGATCAT
 AGATGAGGAAGAGACCCAGTTTATGAGTAAGTGTCTGTGGCCGTCCTGAAAGCACCCCTCGGAGGAGG
 ACACGGATCCAGGTGTTTTGGATAGCGCCACCAACAGGGACAGGCTGTGTGATTCTGAAGGCCAGCATTG
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 ACTTGATGGGGTGACGGACAGACCCATCTTAGACTGCTGCGCCTGTGGAAGTCCCAAGTACAGACTCACG
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 AACGTGGACGATATTGTAGCCGACCTGGCTCCAGAAGAGAAAGATGAAGATGACACCCCTGAAACCTGCA
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 TGGAGCAGGCGGAGAAGTGATGCTGCCAGAATGCCCATTTGACTGTGAACTCAGCGAGTGGTCCAGTG
 GTCTGAATGTAAAGTCATGTGGAAAGGTACATGATTCGAACCCGGACAATCCAATGGAACCTCAG
 TTTGGGGGTGTACCCTGCCAGAGACTGTGCAACGCAAGAAGTGCCGCACCCGGAAATGCCTTCGCAGCC
 CATCAGTCCAGAAGCTGCGCTGGAGGGAGGCCCCGAGAGAGCAGGAGGAGTGAAGCAGCTGAGAGAAGAGTC
 AGATGGAGAGCAGTTCACAGGCTGTGCAATGCGCCCGTGGACAGCCTGGTCAGAATGCACCAACTGTGC
 GGAGGTGGGATCCAAGAGCGCTACATGACTGTGAAGAAGAGGTTCAAAAGCTCCAGTTTACCAGCTGCA
 AAGACAAGAAGGAGATCAGAGCGTGCAACGTGCACCCCTTGT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210767 representing NM_145584 Red=Cloning site Green=Tags(s) MRLSPVSLRLSRGPALLALALPLAAALAFSDETLDKVTKSEGYCSRILRAQGTRREGYTEFSLRVEGDPD FYKPGSSYRVTLAAPPSTYFRGFTLIALKENQEGDKEDHAGTFQIIDEETQFMSNCPVAVTESTPRRR TRIQVFWIAPPTGTGCVILKASIVQKRIIYFQDEGSLTKKLCEQDPTLDGVTDRPILDCCACGTAKYRLT FYGNWSEKTHPKDYPRRANHWSAIIIGGSHSKNYVLWEYGGYASEGVKQVAELGSPVKMEEIIRQQSDEVL TVIKAKAQWPAWQPVNVRAPSAEFSDRTRHLSFLLTMMGSPDWNVGLSAEDLCTKECGWVQKVVDL IPWDAGTDSGVTYESPKNKPTIPQEKIRPLTSLDHPQSPFYDPEGGSITQVARVIERIARKGEQCNIQPD NVDDIVADLAPEEKEDDDTPETCIYSNWSPWSACSSSTCEKGKMRQRMKAQLDLVPCPDTQDFQPC GPGCSDGSGTCTMSEWITWSPCSVSCGMGMRSRERYVKQFPEDGSVCMLPTEETEKCTVNEECSPSSCL VTEWGEWDDCSATCGMGMKRRHRMVKMSPADGSMCKAETSQAECMMPECHTIPCLLSPWSEWSDCSVTC GKGMRTQRMLKSLAELGDCNEDLEQAECMLPECPIDCELSQWSECNKSCGKGMIRTRTIQMEPQ FGGVPCPETVQRKKCRTRKCLRSPSVQKLWREARESRREQLREESDGEQFPGCRMWPWTAWSECTKLC GGGIQERYMTVKKRFKSSQFTSCKDKKEIRACNVHPC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_145584
ORF Size:	2421 bp
Buffer:	PBS with 0.001% Pluronic F1846
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_145584.2</u> , <u>NP_663559.1</u>
RefSeq Size:	6166 bp
RefSeq ORF:	2424 bp
Locus ID:	233744
UniProt ID:	<u>Q8VCC9</u>
Cytogenetics:	7 F1
MW:	91.3 kDa