

Product datasheet for **RC205650A1V**

Human GPSM2 (NM_013296) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPSM2 (NM_013296) AAV Particle
Tag:	Myc-DDK
Symbol:	GPSM2
Synonyms:	CMCS; DFNB82; LGN; PINS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205650 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGAGAAGACCATTCTTTTCATGTTTCGTTACAGAATGGAAGCTTCTTGCCTAGAGCTGGCCTTGAAG
GGGAACGTCTATGTAAATCAGGAGACTGCCGCGCTGGCGTGTCATTCTTTGAAGCTGCAGTTCAAGTTGG
AACTGAAGACCTAAAAACACTTAGCGCTATTTACAGCCAGTTGGGCAATGCTTATTTCTATTGTCATGAT
TATGCCAAAGCATTAGAATATCACCATCATGATTTAACCTTGCAGGACTATTGGAGACCAGCTGGGGG
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AATTTGCCAGGGCTTCGTCTAACACAAAACAGCCAGTCGGTACTTAGCCACCTGATGACTAATGACAACA
AAGAGGCTGATGAAGATTTCTTTGACATCCTTGTAATGTCAAGGATCCAGATTAGATGATCAAAGATG
TGCTCCACCACCTGCTACCACAAAGGGTCCGACGTACCAGATGAAGACTTTTTTCAGCCTTATTTTACGG
TCCCAGGGAAAGAGAATGGATGAACAGAGAGTTCTTTTACAAAGAGATCAAAACAGAGACACTGACTTTG
GGCTAAAGGACTTTTTGCAAAATAATGCTTTGTTGGAGTTTAAAAATTACGGGAAAAAATCGGCAGACCA
T

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205650 protein sequence Red=Cloning site Green=Tags(s) MREDHSFHVRYRMEASCLELALEGERLCKSGDCRAGVSFFFAAVQVGTEDLKTL SAIYSQLGNAYFYLHD YAKALEYHHHDLTLARTIGDQLGEAKASGNLGNLTKVLGNFDEAIVCCQRHLDISRELNDKVGEARALYN LGNVYHAKGKSFGCPGPQDVGEFPPEEVRDALQAAVD FYEENLSLVTALGDRAAQGRAFGNLGNTHYLLGN FRDAVIAHEQRLLIAKEFGDKAAERRAYSNLGNAYIFLGEFETASEYKKTL LARQLKDRAVEAQSCYS LGNTYTLLQDYEKAIDYHLKHLAIAQELNDRIGEGRACWSLGNAYTALGNHDQAMHFAEKHLEISREVG KSGELTARLNLSDLQMV LGLSYSTNNSIMSENTEIDSSLNGVRPKLGRRHSMENMELMKLTPEKVQNWNS EILAKQKPLIAKPSAKLLFVNRLKGKKYKTNSS TKVLQDASNSIDHRIPNSQRKISADTIGDEGFFDLLS RFQSNRMDQRCCLQEKNCHTASTTTSTPPKMMLKTSSVPVSPNTDEFLDLLASSQSRRLDDQRASFS NLPGLRLTQNSQSVLSHLM TNDNKEADEDFFDILVKCQGSRLDDQRCAPPPATTGPTVPDEDDFFSLILR SQGKRMDEQVRLLQRDQNRD TDFGLKDFLQNNALLEFKNSGKKSADH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_013296
ORF Size:	2031 bp
Buffer:	PBS with 0.001% Pluronic F5743
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_013296.4, NP_037428.2</u>
RefSeq Size:	3039 bp
RefSeq ORF:	2055 bp
Locus ID:	29899
UniProt ID:	<u>P81274</u>
Cytogenetics:	1p13.3
MW:	75.8 kDa