

Product datasheet for **MR205427A1V**

Mouse Gprc5a (NM_181444) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gprc5a (NM_181444) AAV Particle
Tag:	Myc-DDK
Symbol:	Gprc5a
Synonyms:	Rai3; Raig1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR205427 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACTACTCCTACAACCTGCCCCTAGCGGTTGCCGCTCAGACCTGGATTCCAGGTACCACAGACTTTGTG
ACCTGGCGGAAGGCTGGGGCATCGCGTTGAAACACTGGCTGCAGTCGGGGCTGTGGCTACCGTGGCTTG
CATGTTTGCACTCGTTTTCTCATCTGCAAAGTGCAGGACTCCAACAAAAGAAAGATGCTCCCCGCCAG
TTCCTCTTCTCCTGGGAGTGCTAGGGGTCTTTGGCCTCACCTTCGCCTTCATCATCAAGCTGGATGGG
CCACAGGACCCACGCGCTTCTTCTCTTCGGAGTCTCTTCGCCATCTGCTTCTTGCCTCCTGGCCCA
CGCTTTCAACTTGATCAAGCTGGTCCGAGGGAGGAAGCCCTGTCGTGGCTTGTGATCCTCAGCCTGGCG
GTGGGCTTCAGCCTGGTCCAGGACGTCAATTGCCATTGAATACCTGGTCTCACCATGAACAGGACCAACG
TCAATGTCTTTTCTGAGCTGCCTGCTCCTCGGCGCAATGAGGATTTCTCATGCTCCTCATTTACGTGCT
CGTCTTGATGGTGCTGACCTTCTTACATCCTTCTTGGTTTTCTGTGGATCCTTCTTGCTGGAAGAGA
CACGGGTTCCACATATGCTTCACCTCGTTCCTCTCCATTGCCATCTGGGTGGCCTGGATCGTTCTGCTCC
TGATCCCGACATTGACCGAAATGGGATGATACATTCTCAGCACAGCCTTGGTGGCAATGGCTGGGT
TTTCTGGCATTTTATATCTTGCCCGAGTTTCGACAGCTCCCAAGGCAACGGAGCCCCACTGATTACCCA
GTTGAAGATGCTTTTGTAAACCTCAGCTCATGAAGCAGAGCTATGGTGTGGAGAACAGAGCCTACTCCC
AAGAGGAAATCACCAAGGTCTTGAGATGGGGGACACACTCTATGCACCTATTCCACCCATTTTCAGCT
ACAGAATCACCAAAAGGATTTCTCTATCCCGAGGGCCAGGCCCGGCCAGTCCGTACAATGACTACGAA
GGGCGCAAAGGCGACAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR205427 protein sequence Red=Cloning site Green=Tags(s) MTPTTAPSGCRSDLSRYHRLCDLAEGWGIALETAAVGAVATVACMFALVFLICKVQDSNKRKMLPAQ FLFLGVLGVFGLTFAFIKLDGATGPTRFLLFGVLFAICFSCLLAHAFNLIKLVRGRKPLSWLVILSLA VGFSLVQDVIAIEYLVLTMRNTNVNVSFELPAPRRNEDFMLLIYVLVLMVLTFFTSFLVFCGSFSGWKR HGFHICFTSFLSIAIWVAWIVLLLIPDIDRKWDDTILSTALVANGWVFLAFYIILPEFRQLPRQRSPTDYP VEDAFCKPQLMKQSYGVENRAYSQEEITQGLEMGDTLYAPYSTHFQLQNHQKDFSIPRAQAPASPYNDYE GRKGDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_181444
ORF Size:	1068 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_181444.3</u>
RefSeq Size:	2072 bp
RefSeq ORF:	1071 bp
Locus ID:	232431
Cytogenetics:	6 G1
MW:	40.1 kDa