

Product datasheet for **RC215665A1V**

Human GPR161 (NM_153832) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPR161 (NM_153832) AAV Particle
Tag:	Myc-DDK
Symbol:	GPR161
Synonyms:	RE2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215665 representing NM_153832
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCTCAACTCCTCCTCAGCTGCAGGAAGGAGCTGAGTAATCTCACTGAGGAGGAGGTGGCGAAG
 GGGGCGTCATCATCACCCAGTTTCATCGCCATCATTGTCATCACCATTTTGTCTGCCTGGGAAACCTGGT
 CATCGTGGTCACCTTGTAACAAGAAGTCCTACCTCCTCACCCCTCAGCAACAAGTTCGTCTTCAGCCTGACT
 CTGTCCAACTTCTGCTGCTCGTGTGGTGCTGCCCTTTTGTGGTGACGAGCTCCATCCGACGGGAATGGA
 TCTTTGGTGTAGTGTGGTGCAACTTCTCTGCCCTCCTCTACCTGCTGATCAGCTCTGCCAGCATGCTAAC
 CCTCGGGGTATTGCCATCGACCGCTACTATGCTGTCTGTACCCCATGGTGTACCCCATGAAGATCACA
 GGAACCGGGCTGTGATGGCACTTGTCTACATCTGGCTTCACTCGCTCATCGGCTGCCTGCCACCCCTGT
 TTGTTGGTTCATCCGTGGAGTTTGACGAGTTCAAATGGATGTGTGTGGCTGCTTGGCACCAGGAGCCTGG
 CTACACGGCCTTCTGGCAGATCTGGTGTGCCCTCTTCCCTTTCTGGTATGCTGGTGTGCTATGGCTTC
 ATCTTCCGCGTGGCCAGGGTCAAGGCACGCAAGGTGCACTGTGGCACAGTCGTATCGTGAGGAGGATG
 CTCAGAGGACCGGGAGGAAGAAGTCCAGCACCTCCACCTCCTCTTCAGGCAGCAGGAGGAATGCCTTTCA
 GGGTGTGGTCTACTCGGCCAACCAAGTGCAGGACCTCATCACCATCCTGGTGGTCTCGGTGCCTTCATG
 GTCACCTGGGGCCCTACATGGTTGTCATCGCCTCTGAGGCCCTCTGGGGGAAAAGCTCCGTCTCCCCGA
 GCCTGGAGACTTGGGCCACATGGCTGTCTTGGCAGCGCTGTCTGCCACCCCTGATCTATGGACTCTG
 GAACAAGACAGTTCGCAAGAAGTACTGGGCATGTGCTTTGGGACCGGTATTATCGGAACCATTTGTG
 CAACGACAGAGGACTTCCAGGCTCTTCAGCATTTCCAACAGGATCACAGACCTGGGCCTGTCCCCACACC
 TCACTGCGCTCATGGCAGGTGGACAGCCCTGGGGCACAGCAGCAGCAGCGGGGACACTGGCTTCAGCTG
 CTTCCAGGACTCAGGGACAGATATGATGCTGCTTGAGGACTACAGTCTGATGACAACCCCTCCCTCTCAC
 TGCACCTTCCCCACCAAGAGAAGGAGCTCGGTGACATTTGAGGATGAAGTGAACAAATCAAAGAAGCTG
 CCAAGAAGTCTGATTCTTCATGTGAAAGCTGAAGTACACAAGTCTTGGACAGTTACGACAGCAAGCTTGGC
 CAAAGCCATTGAGGCCGAAGCCAAAATCAACTATTTGGGGAGGAGGCTTTGCCAGGGGTCTTGTTTACA
 GCACGGACTGTCCCGGGGGCGGCTTCGGGGGCCGCCGAGGCAGCAGAACTCTTGTGAGCCAGAGGCTGC
 AGTTGCAGAGCATCGAAGAAGGAGATGTTTTAGCTGCCGAGCAGAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSLNSSLSCRKELSNL TEEEGGEGGVIIITQFIAIIVITIFVCLGNLVIVVTLYKKS YLLT LSNKFVFSLT
 LSNFLLSVLVLPFVVTSSIRREWFVGVWCNFSALL YLLISSASMLTLGVIAIDRYAVLYPMVYPMKIT
 GNRAVMALVYIWLHSLIGCLPPLFGWSSVEFDEFKWMCAAWHREPGYAFWQIWCAFPFLVMLVCYGF
 IFRVARVKARKVHCGTVVIVEEDAQRTRKNSSTSTSSSGSRNAFQGVVYSANQCKALITILVVLGAFM
 VTWGPYMMVVIASEALWGKSSVSPSLETWATWLSFASAVCHPLIYGLWNKTVRKELLMCMFGDRYYREPFV
 QRQRTSRLFSISNRITDLGLSPHLTALMAGGQPLGHSSSTGDTGFSQSQSGTDMMLLEDYTSDDNPPSH
 CTCPPKRRSSVTFEVEVEQIKEAAKNSILHVKAIEVHKSLSLSYAAASLAKAIEAEAKINLFGEEALPGVLVT
 ARTVPGGGFGRRGRSRTLVSQRLQLQSIEEGDVLAAEQR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_153832

ORF Size:

1587 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_153832.2</u>
RefSeq Size:	8222 bp
RefSeq ORF:	1590 bp
Locus ID:	23432
UniProt ID:	<u>Q8N6U8</u>
Cytogenetics:	1q24.2
MW:	59 kDa