

Product datasheet for **RC208054A1V**

Human GPR37 (NM_005302) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPR37 (NM_005302) AAV Particle
Tag:	Myc-DDK
Symbol:	GPR37
Synonyms:	EDNRBL; hET(B)R-LP; PAELR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208054 representing NM_005302
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCGAGCCCCGGGCGCGCTTCTCGCCCGCATGTCGGGCTACTGCTTCTGCTACTGCTCAAGGTGTCTG
 CCTCTTCTGCCCTCGGGGTGCGCCCTGCGTCCAGAAACGAAACTTGTCTGGGGGAGAGCTGTGCACCTAC
 AGTGATCCAGCGCCGCGCAGGGACGCCTGGGGACCGGAAATCTGCAAGAGACGTTCTGCGAGCCCGA
 GCACCCAGGGAGGAGCAGGGGGCAGCGTTTCTTGGGGACCTCTGGGACCTGCCGGCGGCCCGGGGCC
 GTGACCCGGCTGCAGGCAGAGGGGGCAGGGCGTCGGCAGCCGGACCCCGGGACCTCCAACAGGCCACC
 TGGCCCTGGAGGTGAAAGGTGCTCGGGGTGAGGAGCCTTCTGAAACTTTGGGAGAGGGAACCCACG
 GCCCTCCAGCTCTTCTTCAGATCTCAGAGGAGGAAGAGAAGGGTCCAGAGGCGCTGGCATTTCGGGGC
 GTAGCCAGGAGCAGAGTGTGAAGACAGTCCCGGAGCCAGCGATCTTTTTACTGGCCAAGGAGAGCCGG
 GAAACTCCAGGGTTCCACCACAAGCCCTGTCCAAGACGGCCAATGGACTGGCGGGGCACGAAGGTGG
 ACAATTGCACTCCCGGGCCGGCGCTGGCCAGAATGGATCCTTGGGTGAAGGAATCCATGAGCCTGGGG
 GTCCCCGCCGGGAAACAGCACGAACCGCGTGTGAGACTGAAGAACCCCTTCTACCCGCTGACCCAGGA
 GTCCTATGGAGCCTACGCGGTATGTGTCTGTCCGTGGTATCTTCGGGACCGGCATATTGGCAACCTG
 GCGGTGATGTGCATCGTGTGCCACAACCTACTACATGCGGAGCATCTCAACTCCCTCTTGGCCAACCTGG
 CCTTCTGGGACTTTCTCATCATCTTCTTCTGCCTTCCGTGGTATCTTCCACGAGCTGACCAAGAAGTG
 GCTGCTGGAGGACTTCTCTGCAAGATCGTGCCCTATATAGAGGTCGTTCTCTGGGAGTCACCACTTTC
 ACCTTATGTGCTCTGTGCATAGACCGCTTCCGTGCTGCCACCAACGTACAGATGTACTACGAAATGATCG
 AAAACTGTTTCTCAACAACCTGCCAACTTGCTGTTATATGGGTGGGAGCTCTATTGTTAGCACTTCCAGA
 AGTTGTTCTCCGCCAGCTGAGCAAGGAGGATTGGGGTTTAGTGGCCGAGCTCCGGCAGAAAGGTGCATT
 ATTAAGATCTCTCTGATTTACCAGACCATCTATGTTCTAGCCCTCACCTACGACAGTGCGAGACTGT
 GGTGGTATTTGGCTGTTACTTTGTTTGGCCACGCTTTTACCATCACCTGCTCTCTAGTACTGCGAG
 GAAATCCGCAAGCAGAGAAAGCCTGTACCCGAGGGAATAAACGGCAGATTCAACTAGAGAGTCAGATG
 AACTGTACAGTAGTGGCACTGACCATTTTATATGGATTTTGATTATTCCTGAAAATATCTGCAACATTG
 TTAGTCTACATGGCTACAGGGGTTTACAGCAGACAATGGACCTCCTTAATATCATCAGCCAGTTCCT
 TTTGTTCTTAAGTCTGTGTGTCACCCAGTCTCCTTTTCTGTCTCTGCAAACCTTCAGTCGGGCTTTC
 ATGGAGTGTGCTGCTGTTGCTGTGAGGAATGCATTGAGAAGTCTTCAACGGTGACCAAGTATGACAATG
 ACAACGAGTACACCACGGAACCTGAACTCTGCCTTTCAGTACCATACGCGTGAAATGTCCACTTTTGC
 TTCTGTGCGAACTCATTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MRAPGALLARMSRLLLLLLLKVSASSALGVAPASRNETCLGESCAPTVIQRRGRDAWGPGNSARDVLRAR
 APREEQGAFLAGPSWDLPAAPGRDPAAGRGAEASAAGPPGPPTRPWPWRWKARGQEPSETLGRGNPT
 ALQLFLQISEEEEKGPRGAGISGRSQSVKTVPGASDLFYWPRRAGKLQGSHHKPLSKTANGLAGHEGW
 TIALPGRALAQNGSLGEGIHPPGPRRGNSTNRRVRLKNPFYPLTQESYGAYAVMCLSVVIFGTGIIGNL
 AVMCIVCHNYYMRSISNSLLANLAFWDFLIIFCLPLVIFHELTKKWLEDFCKIVPYIEVASLGVTTF
 TLALCALCIDRFRAATNVQMYEMIENCSSTAKLAVIWWGALLLALPEVLRQLSKEDLGFSGRAPAERCI
 IKISPDLPDTIYVLALTYDSARLWWYFGYFCLPTLFTITCSLVTARKIRKAEKACTRGNKRQIQLESQM
 NCTVVALTILYGFCLIPENICNIVTAYMATGVSSQQTMDLLNIIISQFLLFFKSCVTPVLLFCLCKPFSRAF
 MECCCCCEECIQKSSTVTSDNDNEYTTELELSPFSTIRREMSTFASVGTHC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005302
ORF Size:	1839 bp
Buffer:	PBS with 0.001% Pluronic F6197
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_005302.3</u>
RefSeq Size:	3815 bp
RefSeq ORF:	1842 bp
Locus ID:	2861
UniProt ID:	<u>O15354</u>
Cytogenetics:	7q31.33
MW:	67.6 kDa