

## Product datasheet for **RC207164A1V**

### Human GPBAR1 (NM\_001077191) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human GPBAR1 (NM_001077191) AAV Particle
Tag:	Myc-DDK
Symbol:	GPBAR1
Synonyms:	BG37; GPCR19; GPR131; M-BAR; TGR5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207164 representing NM_001077191. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACGCCAACAGCACTGGCGAGGTGCCAGCCCATCCCAAGGGGGCTTTGGGGCTCTCCCTGGCC
CTGGCAAGCCTCATCATCACCAGCACTGCTCCTAGCCCTGGGCATCGCCTGGGACCGCCGCTGCGC
AGCCACCTGCTGGCTGCTTCTTCTGAGCCTACTGCTGGCTGGGCTGCTCACGGGTCTGGCATTGCC
ACATTGCCAGGGCTGTGGAACCAGAGTCGCCGGGGTACTGGTCTGCCTCCTCGTCTACTTGGCTCCC
AACTTCTCCTTCTCCTGCTTCCCAACCTCTTGTGGTGCACGGGGAGCGCTACATGGCAGTCCTG
AGGCCACTCCAGCCCCCTGGGAGCATTGGCTGGCCCTGCTCCTCACCTGGGCTGGTCCCCTGCTCTT
GCCAGTCTGCCCGCTCTTGGGTGGAACCACTGGACCCCTGGTGCCAAGTGCAGCTCCAGGCTATCTTC
CCAGCCCCCTACCTGTACCTCGAAGTCTATGGGCTCCTGCTGCCCGCCGTGGGTGCTGCTGCCTTCTC
TCTGTCCGCTGCTGGCCACTGCCACCAGCTGCAGGACATCTGCCGGCTGGAGCGGCAGTGTGC
CGCGATGAGCCCTCCGCCTGGCCCGGGCCCTTACCTGGAGGCAGGCAAGGGCACAGGCTGGAGCCATG
CTGCTCTCGGGCTGTGCTGGGGCCCTACGTGGCCACTGCTCCTCTCAGTCTGCTATGAGCAG
CGCCCGCCACTGGGGCTGGGACTGTTGTCCTCCTCCTCCTAGGAAGTCCAGTGCAGCGGCAGTG
CCCGTAGCCATGGGGCTGGGCGATCAGCGCTACACAGCCCCCTGGAGGGCAGCCGCCAAAGGTGCCTG
CAGGGGCTGTGGGAAGAGCCTCCGGGACAGTCCCGGCCAGCATTGCCTACCACCAAGCAGCCAA
AGCAGTGTGCACCTGGACTTGAAC
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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<b>Protein Sequence:</b>	>Peptide sequence encoded by RC207164 Blue=ORF Red=Cloning site Green=Tag(s)  MTPNSTGEVPSPIPKGALGLSLALASLIITANLLLALGIAWDRRLRSPAGCFFLSLLLAGLLTGLALP TLPGLWNQSRRGYWSCLLVYLAPNFSFLSLLANLLL VHGERYMAVLRPLQPPGSIRLALLLTWAGPLLF ASLPALGWNHWTPGANCSQAI FPAPYL YLEVYGLLLPAVGAAAFLSVRVLATAHRQLQDICRLERAVC RDEPSALARAL TWRQARAQAGAMLLFGLCWGPYVATLLLSVLAYEQRPPLGPGTLLSLLSLGSASAAAV PVAMGLGDQRYTAPWRAAAQRCLQGLWGRASRDSPGPSIAYHPSSQSSVDLDLN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001077191
<b>ORF Size:</b>	990 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001077191.1</u>
<b>RefSeq Size:</b>	2023 bp
<b>RefSeq ORF:</b>	993 bp
<b>Locus ID:</b>	151306
<b>UniProt ID:</b>	<u>Q8TDU6</u>
<b>Cytogenetics:</b>	2q35
<b>MW:</b>	35.2 kDa