

## Product datasheet for **RC224769A1V**

### Human GPBAR1 (NM\_001077194) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human GPBAR1 (NM\_001077194) 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:** >RC224769 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGACGCCCAACAGCACTGGCGAGGTGCCAGCCCCATTCCCAAGGGGGCTTTGGGGCTCTCCCTGGCCC  
TGGCAAGCCTCATCATCACCGCGAACCTGCTCCTAGCCCTGGGCATCGCCTGGGACCGCCGCTGCGCAG  
CCCACCTGCTGGCTGCTTCTTCTGAGCCTACTGCTGGCTGGGCTGCTCACGGGTCTGGCATTGCCACA  
TTGCCAGGGCTGTGGAACAGAGTCGCCGGGGTTACTGGTCCTGCCTCCTCGTCTACTTGGCTCCCACT  
TCTCCTCCTCTCCCTGCTTGCCAACTCTTGTGGTGCACGGGAGCGCTACATGGCAGTCTGAGGCC  
ACTCCAGCCCCCTGGGAGCATTGCGCTGGCCCTGCTCCTCACCTGGGCTGGTCCCCTGCTCTTTGCCAGT  
CTGCCCCCTCTGGGTGGAACCACTGGACCCCTGGTGCCAACCTGCAGCTCCCAGGCTATCTTCCAGCCC  
CCTACCTGTACCTCGAAGTCTATGGGCTCCTGCTGCCCGCCGTGGGTGCTGCTGCCTTCTCTGTCCG  
CGTGTGGCCACTGCCACCGCCAGCTGCAGGACATCTGCCGGCTGGAGCGGGCAGTGTGCCGCGATGAG  
CCCTCCGCCCTGGCCCGGCCCTTACCTGGAGGCAGGCAAGGGCACAGGCTGGAGCCATGCTGCTTTCG  
GGCTGTGCTGGGGCCCTACGTGGCCACTGCTCCTCTCAGTCTGGCCTATGAGCAGCGCCGCCACT  
GGGGCTGGGACTGTTGTCCCTCCTCCTCCTAGGAAGTGCCAGTGCAGCGGCAGTGCCCGTAGCCATG  
GGGCTGGGCGATCAGCGCTACACAGCCCCCTGGAGGGCAGCCGCCAAAGGTGCCTGCAGGGGCTGTGGG  
GAAGAGCCTCCCGGGACAGTCCCGGCCCCAGCATTGCCTACCACCAAGCAGCCAAAGCAGTGTGACCT  
GGACTTGAAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC224769 protein sequence Red=Cloning site Green=Tags(s)  MTPNSTGEVPSPIPKGALGLSLALASLIITANLLLALGIAWDRRLRSPAGCFFLSLLLAGLLTGLALPT LPGLWNQSRRGYWSCLLVYLAPNFSFLSLLANLLL VHGERYMAVLRPLQPPGSIRLALLLTWAGPLLFAS LPALGWNHWTGANCSSQAIFFAPYLYLEVYGLLLPAVGAAAFLSVRVLATAHRQLQDICRLERAVCRDE PSALARALTWRQARAQAGAMLLFGLCWGPYVATLLLSVLAYEQRPLPGPTLLSLLSLGSASAAAVPVAM GLGDQRYTAPWRAAAQRCLQGLWGRASRDSPGPSIAYHPSSQSSVDLDLN  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001077194
<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><a href="#">NM_001077194.1</a></u>
<b>RefSeq Size:</b>	1515 bp
<b>RefSeq ORF:</b>	993 bp
<b>Locus ID:</b>	151306
<b>UniProt ID:</b>	<u><a href="#">Q8TDU6</a></u>
<b>Cytogenetics:</b>	2q35
<b>MW:</b>	35.2 kDa