

Product datasheet for **RC221897A1V**

Human GPBAR1 (NM_170699) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPBAR1 (NM_170699) 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:	>RC221897 representing NM_170699 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACGCCCAACAGCACTGGCGAGGTGCCAGCCCCATTCCCAAGGGGGCTTTGGGGCTCTCCCTGGCCC
TGGCAAGCCTCATCATACCGCGAACCTGCTCCTAGCCCTGGGCATCGCCTGGGACCGCCGCTGCGCAG
CCCACCTGCTGGCTGCTTCTTCTGAGCCTACTGCTGGCTGGGCTGCTCACGGGTCTGGCATTGCCACA
TTGCCAGGGCTGTGGAACCAGAGTCGCCGGGGTTACTGGTCCTGCCTCCTCGTCTACTTGGCTCCCACT
TCTCCTTCTCTCCCTGCTTGCCAACCTCTTGCTGGTGCACGGGGAGCGCTACATGGCAGTCCTGAGGCC
ACTCCAGCCCCCTGGGAGCATTGGCTGGCCCTGCTCCTCACCTGGGCTGGTCCCCTGCTCTTTGCCAGT
CTGCCCCTCTGGGGTGAACCACTGGACCCCTGGTGCCAACCTGCAGCTCCCAGGCTATCTTCCAGCCC
CCTACCTGTACCTCGAAGTCTATGGGCTCCTGCTGCCCCCGTGGGTGCTGCTGCCTTCTCTGTCCG
CGTGTGGCCACTGCCACCGCCAGCTGCAGGACATCTGCCGGCTGGAGCGGGCAGTGTGCCGCGATGAG
CCCTCCGCCCTGGCCCGGGCCCTTACCTGGAGGCAGGCAAGGGCACAGGCTGGAGCCATGCTGCTCTTCG
GGCTGTGCTGGGGCCCTACGTGGCCACACTGCTCCTCTCAGTCTGGCCTATGAGCAGCGCCCGCCACT
GGGGCTGGGACACTGTTGTCCCTCCTCTCCCTAGGAAGTGCCAGTGCAGCGGCAGTGCCGTAGCCATG
GGGCTGGGCGATCAGCGCTACACAGCCCCCTGGAGGGCAGCCGCCAAAGGTGCCTGCAGGGGCTGTGGG
GAAGAGCTCCCGGGACAGTCCCGGCCCCAGCATTGCCTACCACCAAGCAGCCAAAGCAGTGTGACCT
GGACTTGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC221897 representing NM_170699 Red=Cloning site Green=Tags(s) MTPNSTGEVPSPIPKGALGLSLALASLIITANLLLALGIAWDRRLRSPAGCFFLSLLLAGLLTGLALPT LPGLWNQSRRGYWSCLLVYLAPNFSFLSLLANLLL VHGERYMAVLRPLQPPGSIRLALLLTWAGPLL FAS LPALGWNHWTGANCSSQAIFPAPYL YLEVYGLLLPAVGAAAFLSVRVLATAHRQLQDICRLERAVCRDE PSALARALTWRQARAQAGAMLLFGLCWGPYVATLLLSVLAYEQRPPPLGPGTLLSLLSLGSASAAAVPVAM GLGDQRYTAPWRAAAQRCLQGLWGRASRDSPGPSIAYHPSSQSSVDLDLN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_170699
ORF Size:	990 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_170699.1</u>
RefSeq Size:	1400 bp
RefSeq ORF:	993 bp
Locus ID:	151306
UniProt ID:	<u>Q8TDU6</u>
Cytogenetics:	2q35
MW:	35.1 kDa