

Product datasheet for **RC223378A1V**

Human GPR44 (PTGDR2) (NM_004778) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GPR44
Synonyms:	CD294; CRTH2; DLIR; DP2; GPR44
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223378 representing NM_004778
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTCGGCCAAACGCCACACTGAAGCCACTCTGCCCCATCCTGGAGCAGATGAGCCGTCTCCAGAGCCACA
GCAACACCAGCATCCGCTACATCGACCACGCGCCGTGCTGCTGCACGGGCTGGCCTCGTCTGGGCT
GGTGGAGAATGGAGTCATCCTCTTCGTGGTGGGCTGCCGCATGCGCCAGACCGTGGTCACCACTGGGTG
CTGCACCTGGCGCTGTCCGACCTGTTGGCCTCTGCTTCCCTGCCCTTCTTCACCTACTTCTTGGCCGTGG
GCCACTCGTGGGAGCTGGGCACACCTTCTGAAATGCACTCCTCCATCTTCTTCTCAACATGTTGCG
CAGCGGCTTCTGCTCAGCGCCATCAGCCTGGACCGCTGCCTGCAGGTGGTGGGCCGGTGTGGGCGCAG
AACCACCGCACCGTGCCGCGGCGCACAAGTCTGCCTGGTCTTTGGGCACTAGCGGTGCTCAACACGG
TGCCCTATTTCTGTGTTCCGGGACACCATCTCGCGGCTGGACGGGCGCATTATGTGCTACTACAATGTGCT
GCTCCTGAACCGGGGCTGACCGCATGCCAGTGAACCTCGCGCCAGGCGGCCCTGGCCGTGAGCAAG
TTCCTGCTGGCCTTCTGCTGCGGCTGGCGATCATCGCCTCGAGCCACGCGCCGTGAGCCTGCGGTTGC
AGCACCGCGGCCGCGCGGCCAGGCGCTTCGTGCGCCTGGTGGCGGCCGTGCTGGCCGCCCTTCGCGCT
CTGCTGGGGGCCCTACACGTGTTACGCTGCTGGAGGCGCGGGCGCACGAAACCGGGGCTGCGGCCG
CTCGTGTGGCGCGGGCTGCCCTTCGTACCAAGCCTGGCCTTCTTCAACAGCGTGGCCAACCGGCTGCTCT
ACGTGCTCACCTGCCCCGACATGCTGCGCAAGCTGCGGCGCTCGCTGCGCACGGTGTGGAGAGCGTGT
GGTGGACGACAGCGAGCTGGGTGGCGCGGGAAGCAGCCGCCCGCCGACCTCTCCACCGCCCGCTCG
GCCTCCCTTTAGCTCTCTGCAGCCGCCGGAGGAACCGCGGGGCCCGCGCTCTCTCGGCTGGCTGC
TGGGACGTGCGCAGCGTCCCCGACAGCGGCCCTGAACCGGGCGCTGAGCAGCACCTCGAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223378 representing NM_004778 Red=Cloning site Green=Tags(s) MSANATLKPLCPILEQMSRLQSHSNTSIRYIDHAAVLLHGLASLLGLVENGVILFVVGCRMRTVVTTWV LHLALSDLLASASLPFFTYFLAVGHSWELGTTFCCLHSSIFFLNMFASGFLLSAISLDRCLQVVRPVWAQ NHRTVAAAHKVCLVLWALAVLNTVPYFVFRDTISRLDGRIMCYYNVLLNPGPDRDATCNSRQAALAVSK FLLAFLVPLAIIASSHAASLRLQHRGRRRPGRFVRLVAAVVAAFALCWGPYHVFSLLEARAHANPGLRP LVWRGLPFVTSLAFFNSVANPVLVLTCPDMLRKLRRSLRTVLESVLVDDSELGGAGSSRRRRTSSTARS ASPLALCSRPEEPRGPARLLGWLLGSCAASPQTGPLNRALSSTSS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004778
ORF Size:	1185 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_004778.1</u>
RefSeq Size:	2910 bp
RefSeq ORF:	1188 bp
Locus ID:	11251
UniProt ID:	<u>Q9Y5Y4</u>
Cytogenetics:	11q12.2
MW:	43.7 kDa