

Product datasheet for **RC203027A1V**

Human G protein coupled receptor 30 (GPER1) (NM_001039966) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human G protein coupled receptor 30 (GPER1) (NM_001039966) AAV Particle
Tag:	Myc-DDK
Symbol:	G protein coupled receptor 30
Synonyms:	CEPR; CMKRL2; DRY12; FEG-1; GPCR-Br; GPER; GPR30; LERGU; LERGU2; LyGPR; mER
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203027 representing NM_001039966 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGTGACTTCCCAAGCCCGGGGCGTGGGCCTGGAGATGTACCTAGGCACCGCGCAGCCTGCGGCC
CCAACACCACCTCCCCGAGCTCAACCTGTCCACCCGCTCCTGGGCACCGCCCTGGCCAATGGGACAGG
TGAGCTCTCGGAGCACCAGCAGTACGTGATCGGCCTGTTCTCTCGTGCCTCTACACCATCTTCTCTTC
CCCATCGGCTTTGTGGGAACATCCTGATCCTGGTGGTGAACATCAGCTTCCGCGAGAAGATGACCATCC
CCGACCTGTACTTCATCAACCTGGCGGTGGCGGACCTCATCCTGGTGGCCGACTCCCTCATTGAGGTGTT
CAACCTGCACGAGCGGTACTACGACATCGCCGTCCTGTGCACCTTCATGTGCTCTTCTGCAGGTCAAC
ATGTACAGCAGCGTCTTCTCTCACCTGGATGAGCTTCGACCGCTACATCGCCCTGGCCAGGGCCATGC
GCTGCAGCCTGTTCCGCACCAAGCACCACGCCCGGCTGAGCTGTGGCCTCATCTGGATGGCATCCGTGTC
AGCCACGCTGGTGCCCTTCACCGCCGTGCACCTGCAGCACACCGACGAGGCCTGCTTCTGTTTCGCGGAT
GTCCGGGAGGTGCAGTGGCTCGAGGTACGCTGGGCTTCATCGTCCCTTCGCCATCATCGGCCTGTGCT
ACTCCCTCATTGTCCGGGTGCTGGTCAGGGCGCACCGGCACCGTGGGCTGCGGCCCGCGGCAGAAAGGC
GCTCCGCATGATCCTCGCGGTGGTGTGCTTCTTCTGCTGCTGGCTGCCGAGAAGCTTTCATCAGC
GTGCACCTCCTGCAGCGACGCAGCCTGGGGCCGCTCCCTGCAAGCAGTCTTTCGCCATGCCACCCCC
TCACGGGCCACATTGTCAACCTCGCCGCTTCTCAACAGCTGCCTAAACCCCTCATCTACAGCTTTCT
CGGGGAGACCTTCAGGGACAAGCTGAGGCTGTACATTGAGCAGAAAACAAATTTGCCGCGCTGAACCGC
TTCTGTACGCTGCCCTGAAGGCCGTCATTCCAGACAGCACTGAGCAGTCGGATGTGAGGTTCAGCAGTG
CCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203027 representing NM_001039966 Red=Cloning site Green=Tags(s) MDVTSQARGVGLEMYLGTAQPAAPNTTSPELNLSHPLLGTALANGTGELSEHQYVIGLFLSCLYTIFLF PIGFVGNILILVVNISFREKMTIPDL YFINLAVADLILVADSLIEVFNLHERYYDIAVLCTFMSLFLQVN MYSSVFFLTWMSFDRIYALARAMRCSLFRTHHARLSCGLIWMASVSATLVPTAVHLQHTDEACFCFAD VREVQWLEVTLGFI VPFATIGLCYSLIVRVLVRAHRHRGLRPRRQKALRMILAVVLVFFVCWLPENVFIS VHLLQRTQPGAAPCKQSFRAHPLTGHIYNLAAFSNSCLNPLIYSFLGETFRDKLRLYIEQKTNLPALNR FCHAALKAVIPDSTEQSDVRFSSAV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001039966
ORF Size:	1125 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_001039966.1</u> , <u>NP_001035055.1</u>
RefSeq Size:	2981 bp
RefSeq ORF:	1128 bp
Locus ID:	2852
UniProt ID:	<u>Q99527</u>
Cytogenetics:	7p22.3
MW:	42.1 kDa