

Product datasheet for **RC225747A1V**

Human alpha 2 Glycine Receptor (GLRA2) (NM_00118886) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	alpha 2 Glycine Receptor
Synonyms:	GLR
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC225747 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAACCGGCAGCTAGTGAACATTTTGACAGCCTTGTTGCATTTTCTTAGAGACAAACCACTTCAGGA
CGGCTTTCTGCAAGACCATGACTCCAGGTCTGAAAAACAACCTTCACAGACCTATCTCCTTCAGATTT
CTTGGACAAGTTAATGGGAAGGACATCAGGATATGATGCAAGAATCAGGCCAAATTTAAAGGTCTCTCA
GTAAACGTTACTTGCAATATTTTATCAACAGTTTGGATCAGTCACAGAAACGACCATGGACTACCGAG
TGAATATTTTCTGAGACAACAGTGAATGATTACGGCTGGCGTACAGTGAGTACCCAGATGACTCCCT
GGACTTGGACCCATCCATGCTAGACTCCATTTGAAACCAAGATTTGTTCTTTGCCAATGAGAAGGTGCC
AACTTCCACGATGTCACCACTGACAACAAATTGCTACGGATTTGAAAAATGGCAAGTGCTCTACAGTA
TCAGACTCACCTTGACCTTATCCTGTCCCATGGACTTGAAGAACTTTCCGATGGATGTCAGACCTGTAC
AATGCAGCTGGAGAGTTTGGGTACACGATGAATGACCTGATTTGAGTGGTTAAGTGATGGTCCAGTG
CAAGTTGCTGAAGGATTGACCTGCCCCAGTTTATTTGAAAGAAGAGAAGGAACCTTGGCTACTGTACAA
AGCACTACAACACTGGAAGTTTACCTGCATTGAGGTCAAGTTTCATCTGGAACGCCAAATGGGATATTA
TTTGATCCAGATGTACATCCCAAGCCTGCTTATAGTAATTTTGCTCTGGGTTTCTTTTGGATAAATATG
GATGCAGCCCTGCCAGGTCGCACTGGGCATCACCACAGTCTTAACGATGACCACCCAGAGTTCAGGCT
CCAGGGCATCTCTGCCAAGGTCTCCTATGTAAAAGCATTGACATCTGGATGGCGGTGTGCCTTCTGTT
TGTGTTTGCTGCCTTACTGGAATACGCAGCGGTGAACCTTCGTCTCAGGCAACACAAGGAGTTCCTCGCG
CTCCGAAGAAGACAGAAGAGGCAGAATAAGGAAGAAGACGTTACTCGTGAAGTCGTTTTAATTTTAGCG
GTTATGGGATGGGTCACTGCCTCCAAGTGAAGATGGAACAGCTGTCAAGGCCACACCTGCCAACCCACT
CCCACAACGCCAAAAGATGGAGATGCTATCAAGAAGAAGTTTGTGGACCGGCAAAAAGGATTGACACG
ATATCTCGAGCTGCCTTCCATTGGCCTTCCTCATTTTCAACATCTTTTACTGGATCACATACAAGATCA
TTCGCATGAAGATGTCCACAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC225747 protein sequence Red=Cloning site Green=Tags(s) MNRQLVNILTALFAFFLETNHFRTAFCKDHDSRSGKQPSQTLSPSDFLDKLMGRTSGYDARIRPNFKGPP VNVTCNIFINSFGSVTETTTMDYRVNIFLRQQWNDSRLAYSEYPDDSLDLDPMSLDISIWKPDFFANEKGA NFHDVTTDNKLLRISKNGKVLYSIRLTLTSCPMDLKNFPMQVQCTMQLESFGYTMNDLIFEWLSGDPV QVAEGLTLPQFILKEEKELGYCTKHYNTGKFTCIEVKFHLERQMGYYLIQMYIPSLILVILSWVSFWINM DAAPARVALGITTTLTMTTQSSGSRASLPKVSIVKAIDIWMAVCLLFVFAALLEYAAVNFVSRQHKFLR LRRRQKRQNKEDVTRESRFNFGSGYGMGHCLQVKDGTAVKATPANPLPQPPKGDGDAIKKKFVDRAKRIDT ISRAAFPLAFLIFNIFYWITYKIIRHEDVHKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001118886
ORF Size:	1356 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:	NM_001118886.1
RefSeq Size:	3458 bp
RefSeq ORF:	1359 bp
Locus ID:	2742
UniProt ID:	P23416
Cytogenetics:	Xp22.2
MW:	52 kDa