

Product datasheet for **RC211797A1V**

Human Oxytocin Receptor (OXTR) (NM_000916) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Oxytocin Receptor (OXTR) (NM_000916) AAV Particle
Tag:	Myc-DDK
Symbol:	Oxytocin Receptor
Synonyms:	OT-R; OTR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC211797 representing NM_000916 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGGCGCGCTCGCAGCCAACTGGAGCGCCGAGGCAGCCAAACGCCAGCGCCGCGCCGCCGGGGGCCG
AGGGCAACCGCACCGCCGACCCCGCGGCGCAACGAGGCCCTGGCGCGCGTGGAGGTGGCGGTGCTGTG
TCTCATCTGCTCCTGGCGCTGAGCGGGAATGCGTGTGTGCTGCTGGCGCTGCGCACCACGCCAGAAG
CACTCGCGCCTCTTCTTCTCATGAAGCACCTAAGCATCGCCGACCTGGTGGTGGCAGTGTTCAGGTGC
TGCCGCAGTTGCTGTGGGACATCACCTTCGGCTTCTACGGGCGCGACCTGCTGTGCCGCTGGTCAAGTA
CTTGCAGGTGGTGGGCATGTTCCGCTCCACCTACCTGCTGCTGCTCATGTCCCTGGACCGCTGCCTGGCC
ATCTGCCAGCCGCTGCGCTCGCTGCGCCGCCGACCGACCGCCTGGCAGTGTGCGCCACGTGGCTCGGCT
GCCTGGTGGCCAGCGCGCCGAGGTGCACATCTTCTCTGCGCGAGGTGGCTGACGGCGTCTTCGACTG
CTGGGCCGTCTTCATCCAGCCCTGGGGACCAAGGCCTACATCACATGGATCACGCTAGCTGTCTACATC
GTGCCGGTCACTGCTCGCTGCTGCTACGGCCTTATCAGCTTCAAGATCTGGCAGAACTTGGCGCTCA
AGACCGCTGCAGCGGCGCGCCGAGGCGCCAGAGGGCGCGCGGCTGGCGATGGGGGGCGCGTGGCCCT
GGCGCGTGTGAGCAGCGTCAAGCTCATCTCAAGGCCAAGATCCGACCGTCAAGATGACTTTCATCATC
GTGCTGGCCTTATCGTGTGCTGGACGCTTTCTTCTGTCGAGATGTGGAGCGTCTGGGATGCCAACG
CGCCCAAGGAAGCCTCGGCCTTCATCATCGTATGCTCCTGGCCAGCCTCAACAGCTGCTGCAACCCCTG
GATCTACATGCTGTTACGGGCCACCTTTCCACGAACTCGTGCAGCGCTTCTGTGCTGCTCCGCCAGC
TACCTGAAGGGCAGACGCTGGGAGAGACGAGTGCCAGCAAAAAGAGCAACTCGTCCTCCTTTGCTCTGA
GCCATCGCAGCTCCAGCCAGAGGAGCTGCTCCAGCCATCCACGGCGAGCGGACCG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC211797 representing NM_000916 Red=Cloning site Green=Tags(s) MEGALAANWSAEANASAAAPPGAEGNRTAGPPRRNEALARVEVAVLCLILLALLSGNACVLLALRTTRQK HSRLFFFMKHLIADLVVAVFQVLPQLLWDITFRFYGPDLLCRLVKYLQVVGFMFASTYLLLLMSLDRCLA ICQPLRSLRRRTDRLAVLATWLGCLVASAPQVHIFSLREVADGVFDCWAVFIQPWGPKAYITWITLAVYI VPVIVLAACYGLISFKIWQNLRLKTAATAAAAEAEPEGAAAGDGGRRVALARVSSVKLISKAKIRTVKMTFII VLAFIGVWTPFFVQMWVWDANAPKEASAFIIIVMLLASLNSCCNPWIYMLFTGHLFHELVQRFLCCSAS YLKGRRLGETSASKKSNSSSFVLSHRSSSQRSQSPSTASGP SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000916
ORF Size:	1176 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_000916.3 , NP_000907.2
RefSeq Size:	4361 bp
RefSeq ORF:	1170 bp
Locus ID:	5021
UniProt ID:	P30559
Cytogenetics:	3p25.3
MW:	42.6 kDa