

Product datasheet for **RC225706A1V**

Human GCNT7 (NM_080615) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GCNT7 (NM_080615) AAV Particle
Tag:	Myc-DDK
Symbol:	GCNT7
Synonyms:	C20orf105; dj1153D9.2; gcnt
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC225706 representing NM_080615 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCCAGCTTCGAGCCACAAAGTCTGGACTTGCTGAGGGCAGTCATTTGCATCTTCATTTTCTTT
ACTTAAGGAATCCAACCTCTGCAGAATCAGAAGAAGAACTGCCCAACCAGAAGTAGTAGAATGTGGCTT
TTACCCAGATGAAGTGTGTTCCGCTTTATTTGAAGGGAAAGGGCGGCCCCCAAATTGCAAAATTTTGC
AAAACCCCTCATAATCTGAAATACATGCTCATTTACACACACCAGGAACTGCTCCAGGATTTCTCGGG
GGCTGCATTTTATAACAGACCCCTGTCTGCAGAAGAGGGCGATTCTCTTTGGCATATATTATAACTAT
TCATAAGGAGCTGGCCATGTTTGTGCAGCTTCTCAGAGCTATTTATGTACCTCAAATGTTTATTGTATT
CATGTTGATGAAAAGGCCCAATGAAGTATAAGACTGCTGTGCAAACCTTGTTAACTGTTTGAACG
TTTTTATTTCTCCAAGACAGAGAAGGTGGCTTATGCTGGCTTTACAAGACTACAGGCAGATATTAATTG
TATGAAAGTCTAGTGCATTCTAAATTTCAATGGAAGTATGTCATCAATCTTTGTGGACAGGATTTTCCC
ATCAAACCAACAGAGAAATCATACACTACATCAGAAGCAAATGGAGTGATAAAATATTACTCTGGAG
TAATCCAACCATTCACATTAATCCAAGACAAGTCAAAGTCATCTCGAATTCGTTCTAAAGGAAGTAT
CTATGCACCTCCAAATAACAGATTCAAAGACAAACCCCATAACTTAACCATTTATTTTGAAGTGCT
TACTATGTACTTACAAGGAAGTTGTAGAGTTCATACTGACTGACATCCATGCAAAGACATGCTTCAGT
GGTCCAAAGACATCCGCAGCCCAGAGCAACACTACTGGGTGACCTGAACCGACTAAAAGATGCTCCAGG
TGCTACACCAAACGCTGGCTGGGAAGGAAATGTTTCGAGCCATTAAAGCGGAAAAGTGAGGAAGGAAATGTT
CATGATGGATGTAAAGGCCGCTACGTCGAAGACATCTGCGTATACGGACCAGGAGACCTGCCGTGGCTCA
TTCAGTCGCCTTCTGTTTGCACAAATTCGAACCTCGACAGACCCGCTTGTGGTTACCTGCTTAGA
GCGGGGCACAGACTTCAAGTGTGAGGCAGGCAGAAGTTCCTATAGAGCCACTGGCATTTTCAACAG
CAGAGTCATTTCAATATGAGACTGAACCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC225706 representing NM_080615 Red=Cloning site Green=Tags(s) MSQLRATKSGLVVRAVICIFIFLYLRNPTAESEEEPAQPEVVECGFYDELCSALFEGKGAAPQIAKFC KTPHKSEIHAHLHTPGNCSRISRGLHFITRPLSAEEGDFSLAYIITIHKELAMFVQLLRAIYVPQNVYCI HVDEKAPMKYKTAVQTLVNCFENVFISKTEKVAYAGFTRLQADINCMKVLVHSKFQWNYVINLCGQDFP IKTNREIIHYIRSKWSDKNITPGVIQPLHIKSKTSQSHLEFVPGKSIYAPPNNRFDKPPHNLTIFYGSA YYVLTRKFVEFILTIDHAKDMLQWSKDIRSPEQHYWVTNLRLKDAPGATPNAGWEGNVRAIKRKEEGNV HDGCKGRYVEDICVYGPGLPWLIIQSPSLFANKFEPSTDPVVTCLERRHRLQVLRQAEVPIEPHWHFQQ QSHFNMLNR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_080615
ORF Size:	1290 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_080615.1, NP_542182.1</u>
RefSeq ORF:	1293 bp
Locus ID:	140687
UniProt ID:	<u>Q6ZNI0</u>
Cytogenetics:	20q13.31
MW:	49.1 kDa