

Product datasheet for **RC225434A1V**

Human GCNT7 (NM_001128614) AAV Particle

Product data:

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|---------------------------|---|
| Product Type: | AAV Particles |
| Product Name: | Human GCNT7 (NM_001128614) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | GCNT7 |
| Synonyms: | C20orf105; C20orf105, dj1153D9.2; dj1153D9.2; glucosaminyl (N-acetyl) transferase family member 7; OTTHUMP00000031350 |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



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ORF Nucleotide Sequence:

>RC225434 representing NM_001128614
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCCAGCTTCGAGCCACAAAGTCTGGACTTGTCTGAGGGCAGTCATTTGCATCTTCATTTTTCTTT
 ACTTAAGGAATCCAACCTCTGCAGAATCAGAAGAAGAACTGCCCAACCAGAAGTAGTAGAATGTGGCTT
 TTACCCAGATGAACTGTGTTCCGCTTTATTTGAAGGAAAGGGCGGCCCCCAATTGCAAAATTTTGC
 AAAACCCCTCATAAATCTGAAATACATGCTCATTTACACACACCAGGAACTGCTCCAGGATTTCTCGGG
 GGCTGCATTTCAACCAGACCCTGTCTGCAGAAGAGGGCGATTTCTCTTTGGCATATATTATAACTAT
 TCATAAGGAGCTGGCCATGTTTGTGCAGCTTCTCAGAGCTATTTATGTACCTCAAAATGTTTATTGTATT
 CATGTTGATGAAAAGGCCCAATGAAGTATAAGACTGCTGTGCAAACCTTGGTTAACTGTTTTGAAAACG
 TTTTTATTTCTCCAAGACAGAGAAGGTGGCTTATGCTGGCTTACAAGACTACAGGCAGATATTAATTG
 TATGAAAGTTCTAGTGCATTCTAAATTTCAATGGAAGTATGTCATCAATCTTTGTGGACAGGATTTCC
 ATCAAAACCAACAGAGAAATCATACACTACATCAGAAGCAAATGGAGTGATAAAATATTTACTCCTGGAG
 TAATCCAACCATTTGCACATTAATCCAAGACAAGTCAAAGTCATCTCGAATTCGTTCTTAAAGGAAGTAT
 CTATGCACCTCCAATAACAGATTTAAAGACAAACCACCCATAACTTAACCATTTATTTTGAAGTGCT
 TACTATGTACTTACAAGGAAGTTGTAGAGTTCATACTGACTGACATCCATGCAAAGACATGCTTCAGT
 GGTCCAAGACATCCGCAGCCAGAGCAACACTACTGGGTGACCTGAACCGACTAAAAGATGCTCCAGG
 TGCTACACCAAACGCTGGCTGGGAAGGAAATGTTTCGAGCCATTAAGCGGAAAAGTGAGGAAGGAAATGTT
 CATGATGGATGTAAGGCCGCTACGTCGAAGACATCTGCGTATACGGACCAGGAGACCTGCCGTGGCTCA
 TTCAGTCGCCTTCTCTGTTTCCAACAAATTCGAACCCTCGACAGACCCGCTTGTGGTTACCTGCTTAGA
 GCGGCGGCACAGACTTCAAGTCTGAGGCAGGCAGAGTTCCTATAGAGCCACACTGGCATTTTCAACAG
 CAGAGTCATTTCAATATGAGACTGAACCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225434 representing NM_001128614
 Red=Cloning site Green=Tags(s)

MSQLRATKSGLVVRAVICIFIFLYLRNPPTAESEEEPAQPEVVECGFYDELCSALFEGKGAAPQIAKFC
 KTPHKSEIHAHLHTPGNCSRISRGLHFITRPLSAEEDFSLAYIITIHKELAMFVQLLRRIYVPQNVYCI
 HVDEKAPMKYKTAVQTLVNCFENVFISKTEKVAYAGFTRLQADINCMKVLVHSKFQWNVVNLGQDFP
 IKTNREIIHYIRSKWSDKNITPGVIQPLHIKSKTSQSHLEFVPGKSIYAPPNNRFKDKPPHNLTIYFGSA
 YYVLTRKFVEFILTDIHAKDMLQWSDIRSPEQHYWVTLNRLKDPGATPNAGWEGNVRAIKRKRSEEGNV
 HDGCKGRYVEDICVYGPGLPWLIQSPSLFANKFEPSTDPLVVTCLERRHRLQVLRQAEVPIEPHWHFQQ
 QSHFNMLNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001128614

ORF Size:

1290 bp

Buffer:

PBS with 0.001% Pluronic F68

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|----------------------|---|
| 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_001128614.1, NP_001122086.1</u> |
| RefSeq ORF: | 926 bp |
| Locus ID: | 140687 |
| Cytogenetics: | 20q13.31 |
| MW: | 49.32 kDa |