

Product datasheet for RC218185A1V

Human SLC35G2 (NM_001097600) AAV Particle

Product data:

Product Type: AAV Particles
 Product Name: Human SLC35G2 (NM_001097600) AAV Particle
 Tag: Myc-DDK
 Symbol: SLC35G2
 Synonyms: TMEM22
 Mammalian Cell Selection: None
 Vector: pAAV-AC-Myc-DDK (PS100089)
 ORF Nucleotide Sequence: >RC218185 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATACTTCTCCCTCCAGAAAATATCCAGTTAAAAACGGGTGAAAATACATCCCAACACAGTGATGG
 TGAATATACTTCTCATTATCCCAGCCTGGCGATGATGGATATGAAGAAATCAATGAAGGCTATGGGAA
 TTTTATGGAGGAAAATCCAAAGAAAGGTCTGCTGAGTGAATGAAAAAAGGGAGAGCTTTCTTTGGA
 ACCATGGATACCCTACCTCCACCAACAGAAGACCCAATGATCAATGAGATTGGACAATCCAGAGCTTTG
 CAGAAAAAACATTTTTCAATCCCGAAAAATGTGGATAGTCTGTTGGATCTGCTTTGGCTCATGGATG
 TGTAGCTCTTATCACTAGGCTTGTCTGATCGGTCTAAAGTTCATCTCTAGAAGTATTTTTATCCGT
 TCTGTTTTTCAGGCTTATCTGTGTTAGTTGTGTGTTACTATGAGGAGGCCCCCTTTGGACCCAGTGGAT
 ACAGATTACGACTCTTCTTTTATGGTGTATGCAATGTCATTTCTATCACTTGTGCTTATACATCATTTTT
 AATAGTTCCTCCAGCAATGGGACCACTATGTGGAGAGCCACAACACTACAGTCTTCAGTGCATTTTGGCT
 TTTTACTCGTAGATGAGAAAATGGCTTATGTTGACATGGCTACAGTTGTTTGCAGCATCTTAGGTGTT
 GTCTTGTGATGATCCCAACATTGTTGATGAAGACAATCTTTGTTAAATGCCTGGAAAGAAGCCTTTGG
 GTACACCATGACTGTGATGGCTGGACTGACCACTGCTCTCAATGATAGTATACAGATCCATCAAGGAG
 AAGATCAGCATGTGGACTGCACTGTTTACTTTTGGTTGGACTGGGACAATTTGGGAATATCTACTATGT
 TTATTCTCAAGAACCATCATCCATTAGATGGAGAAACCTGGAGTTATCTCATTGCTATATGTGCTG
 TTCTACTGCAGCATTCTTAGGAGTTTATTATGCCTTGGACAAATTCATCCAGCCTTGGTTAGCACAGTA
 CAACATTTGGAGATTGTGGTAGCTATGGTCTTGCAGCTTCTCGTGTGCACATATTTCTAGCATCTATG
 ATGTTTTTGGAGGGTAATCATTATGATTAGTGTTTTTGTCCTTGCTGGCTATAAACTTTACTGGAGGAA
 TTTAAGAAGGCAGGACTACCAGGAAATACTAGACTCTCCCATTA

ACGCGTACGCGGCCGCTCGAGCAGAAAACACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC218185 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MDTSPSRKYPVKKRVKIHPNTVMVKYTSHPYQPGDDGYEEINEGYGNFMEENPKKGLLSEMKKKGRAFFG TMDLPPPTEDPMINEIGQFQSFAEKNIFQSRKMWIVLFGSALAHGCVALITRLVSDRSKVPSELELIFIR SVFQVLSVLVVCYEEAPFGPSGYRLRLFFYGVCNVISITCAYTSFSIVPPSNGTTMWRATTTVFSAILA FLLVDEKMAYVDMATVVCVCSILGVCLVMIPNIVDEDNSLLNAWKEAFGYTMTVMAGLTTALSMIVYRSIKE KISMWTALFTFGWTGTIWGISTMFILQEPIIPLDGETWSYLIAICVCSTAAFLGVYYALDKFHPALVSTV QHLEIVVAMVLQLLVLHIFPSIYDVFGGVIIMISVFLVLAGYKLYWRNLRRQDYQEILDSPIK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001097600
ORF Size:	1236 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_001097600.1</u> , <u>NP_001091069.1</u>
RefSeq Size:	1665 bp
RefSeq ORF:	1239 bp
Locus ID:	80723
UniProt ID:	<u>Q8TBE7</u>
Cytogenetics:	3q22.3
MW:	46.5 kDa