

Product datasheet for **RC202125A1V**

Human TCIRG1 (NM_006019) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TCIRG1 (NM_006019) AAV Particle
Tag:	Myc-DDK
Symbol:	TCIRG1
Synonyms:	a3; Atp6i; ATP6N1C; ATP6V0A3; OC-116kDa; OC116; OPTB1; Stv1; TIRC7; Vph1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC202125 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGCTCCATGTTCCGGAGCGAGGAGGTGGCCCTGGTCCAGCTCTTTCTGCCACACGGCTGCCTACA
CCTGCGTGAGTCGGCTGGGCGAGCTGGGCCTCGTGGAGTTCAGAGACCTCAACGCCTCGGTGAGCGCCTT
CCAGAGACGCTTTGTGGTTGATGTTCCGCGCTGTGAGGAGCTGGAGAAGACCTTACCTTCTGCAGGAG
GAGGTGCGGCGGGCTGGGCTGGTCTGCCCCCGCCAAAGGGGAGGCTGCCGGCACCCCCACCCGGGACC
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TCGTGTTCTAGTCATCTACAAGTGGCTGTGTGTCTGGGCTGCCAGGGCCGCTCGGCCCCAGCATCCT
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GTTGCTGGACCTGCCTGACGCATCTGTGAATGGCTGGAGCTCCGATGAGGAAAAGGCAGGGGGCCTGGAT
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TCTCAGCCTTCTGCACGCCCTGCGGCTGCACTGGGTGGAATTCCAGAACAGTTCTACTCAGGCACGGG
CTACAAGCTGAGTCCCTTACCTTCGCTGCCACAGATGAC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202125 protein sequence Red=Cloning site Green=Tags(s) MGSMFRSEEVALVQLFLPTAAAYTCVSRLGELGLVEFRDLNASVSFAQRRFVVDVRRCEELEKTFITFLQE EVRRAGLVLPKGRLLPAPPRDLLRIQEETERLAQELRDVRGNQALRAQLHQLHAAVLRQGHEPQL AAHTDAGASERTPLLQAPGGPHQDLRVNFVAGAVEPHKAPALERLLWRACRGFLIASFRELEQPLEHPVT GEPATWMTFLISYWGEQIGQKIRKITDCFHCHVFPFLQQEEARLGALQQLQQSQELQEVLETGERFSLQ VLGRVLQLLPPGQVQVHKMKAVYLALNQCSVSTTHKCLIAEAWCSVRDLPALQEALRDSSMEEGVSAVAH RIPCRDMPPTLIRTNRFTASFQGIVDAYGVGRYQEVNPAPYTIITFPFLFAVMFGDVGHLLMFLFALAM VLAENRPVAKAAQNEIWQTFFRGRYLLLLMGLFSIYTGFIYNECFSRATSIIFPSGWSVAAMANQSGWSDA FLAQHTMLTLDPNVTGVFLGPYPFGIDPIWSLAANHLNFLNSFKMKMSVILGVVHMAFGVVLGVFNHVF GQRHRLLETLPELTFLLGLFGYLVFLVIYKWLVCVWAAARAASAPSIILHFINMFLFSHSPSNRLLYPRQE VVQATLVVLALAMVPIILLGTPHLHHRHRRRLRRRPADRQEENKAGLLDLPDASVNGWSSDEEKAGGLD DEEEAELVPSEVLHQAIHTIEFCLGCVSNTASYLRLWALSLAHAQLSEVLWAMVMRIGLGLGREVGVA VVLVPIFAAFVMTVAILLVMEGLSAFLHALRLHWVEFQNKFYSGTGYKLSPTFAATDD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006019
ORF Size:	2490 bp
Buffer:	PBS with 0.001% Pluronic F5282
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_006019.2</u>
RefSeq Size:	2727 bp
RefSeq ORF:	2493 bp
Locus ID:	10312
UniProt ID:	<u>Q13488</u>
Cytogenetics:	11q13.2
MW:	93 kDa