OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC215283A1V

Human TMEM16K (ANO10) (NM_018075) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TMEM16K (ANO10) (NM_018075) AAV Particle
Tag:	Myc-DDK
Symbol:	ANO10
Synonyms:	SCAR10; TMEM16K
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

View online »

ORF Nucleotide Sequence:

>RC215283 representing NM_018075
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAGTGACCTTATCAGCTTTGGATACTTCTGAGAGTTCTTTCACACCTTTGGTGGTCATAGAACTTG
CTCAGGATGTCAAAGAAGAAACCAAAGAATGGCTGAAAAACAGAATTATAGCTAAAAAAAAAGATGGAGG
TGCCCAGTTGTTGTTTAGACCATTGTTAAATAAATATGAACAAGAAACACTAGAAAATCAGAACTTATAT
CTTGTTGGTGCCTCCAAGATTAGAATGTTACTAGGGGCAGAAGCAGTGGGATTGGTAAAAGAGTGCAATG
ATAACACCATGAGAGCCTTCACATACAGAACCAGACAGAACTTCAAAGGTTTTGATGATAACAATGATGA
TTTCCTGACAATGGCAGAATGTCAATTCATTATCAAACATGAACTTGAAAATCTTAGAGCTAAAGATGAA
AAAATGATCCCTGGTTACCCTCAGGCAAAGTTGTATCCAGGAAAATCATTGTTGAGAAGATTGCTCACGT
CTGGCATCGTGATTCAGGTGTTTCCACTGCATGACAGTGAAGCCCTGAAGAAGCTTGAGGACACCTGGTA
CACTCGGTTTGCTTTGAAGTATCAGCCCATAGACAGTATTCGTGGCTACTTTGGGGAAACAATTGCTCTG
TACTTTGGATTTTTGGAGTATTTCACTTTTGCATTAATCCCCATGGCTGTCATTGGGTTACCTTACTACT
TGTTTGTGTGGGAAGACTATGACAAGTACGTGATCTTTGCCTCGTTCAACCTCATCTGGTCCACGGTGAT
TCTGGAACTGTGGAAGCGTGGCTGTGCCAACATGACCTACAGGTGGGGGACACTGCTCATGAAGAGAAAG
TTTGAGGAGCCCCGGCCAGGATTTCATGGTGTCTTGGGTATCAATTCCATCACTGGGAAGGAGGAGCCTC
TGTACCCCAGCTACAAGAGACAGTTGCGCATTTACCTGGTCTCCCTGCCATTCGTGTGCCTCTGCCTCTA
TTTCTCACTGTATGTCATGATGATTTACTTCGACATGGAGGTTTGGGCCTTGGGTCTACATGAGAACAGC
GGGTCTGAGTGGACCAGTGTCCTGTTGTATGTGCCCAGCATCATCTATGCCATTGTGATTGAGATCATGA
ATCGTCTCTATCGATATGCTGCCGAGTTTTTAACTTCATGGGAGAATCACAGATTGGAATCTGCCTATCA
GAACCATCTAATTCTGAAAGTTTTAGTGTTCAACTTCCTCAATTGCTTTGCCTCACTCTTCTATATTGCC
TTTGTCTTGAAAGATATGAAGCTTTTGCGCCAGAGCTTGGCCACTCTCCTAATTACCTCCCAGATCCTCA
ACCAAATTATGGAATCTTTTCTTCCTTATTGGCTCCAAAGGAAGCATGGTGTGCGGGTGAAGAGGAAGGT
GCAGGCTTTAAAGGCAGACATTGATGCTACATTATATGAACAAGTCATCCTGGAAAAAGAAATGGGAACT
TATTTGGGCACCTTTGATGATTACTTGGAGTTATTCCTGCAGTTTGGTTATGTGAGCCTTTTCTCCTGTG
TTTACCCATTAGCAGCTGCCTTTGCTGTGTTAAATAACTTCACTGAAGTAAATTCAGATGCCTTAAAAAT
GTGCAGGGTCTTCAAACGTCCATTCTCAGAACCTTCAGCCAATATTGGTGTGTGGCAGTTGGCTTTTGAA
ACGATGAGTGTTATATCTGTGGTCACTAACTGTGCGCTGATTGGAATGTCACCACAAGTGAATGCAGTCT
TTCCAGAATCAAAAGCAGACCTCATTTTGATTGTAGTAGCAGTGGAGCACGCACTCCTGGCTTTAAAGTT
TATACTTGCATTTGCCATACCTGATAAGCCACGGCATATCCAGATGAAACTAGCCAGACTGGAATTTGAG
TCTTTGGAGGCACTCAAGCAGCAGCAAATGAAGCTCGTGACCGAGAACCTGAAGGAGGAACCAATGGAAA
GCGGGAAGGAGAAGGCAACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC215283 representing NM_018075
Red=Cloning site Green=Tags(s)

MKVTLSALDTSESSFTPLVVIELAQDVKEETKEWLKNRIIAKKKDGGAQLLFRPLLNKYEQETLENQNLY
LVGASKIRMLLGAEAVGLVKECNDNTMRAFTYRTRQNFKGFDDNNDDFLTMAECQFIIKHELENLRAKDE
KMIPGYPQAKLYPGKSLLRRLLTSGIVIQVFPLHDSEALKKLEDTWYTRFALKYQPIDSIRGYFGETIAL
YFGFLEYFTFALIPMAVIGLPYYLFVWEDYDKYVIFASFNLIWSTVILELWKRGCANMTYRWGTLLMKRK
FEEPRPGFHGVLGINSITGKEEPLYPSYKRQLRIYLVSLPFVCLCLYFSLYVMMIYFDMEVWALGLHENS
GSEWTSVLLYVPSIIYAIVIEIMNRLYRYAAEFLTSWENHRLESAYQNHLILKVLVFNFLNCFASLFYIA
FVLKDMKLLRQSLATLLITSQILNQIMESFLPYWLQRKHGVRVKRKVQALKADIDATLYEQVILEKEMGT
YLGTFDDYLELFLQFGYVSLFSCVYPLAAAFAVLNNFTEVNSDALKMCRVFKRPFSEPSANIGVWQLAFE
TMSVISVVTNCALIGMSPQVNAVFPESKADLILIVVAVEHALLALKFILAFAIPDKPRHIQMKLARLEFE
SLEALKQQQMKLVTENLKEEPMESGKEKAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_018075

ORF Size: 1980 bp

Buffer: PBS with 0.001% Pluronic F7355

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_018075.3

RefSeq Size: 2743 bp

RefSeq ORF: 1983 bp

Locus ID: 55129

UniProt ID: Q9NW15

Cytogenetics: 3p22.1-p21.33

MW: 76.1 kDa