

## Product datasheet for **RC214148A1V**

### Human TMEM194A (NEMP1) (NM\_015257) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human TMEM194A (NEMP1) (NM\_015257) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** TMEM194A  
**Synonyms:** TMEM194; TMEM194A  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC214148 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGGCGGGAGGAATGAAAGTGGCGGTCTCGCCGGCAGTTGGTCCCAGGCGCCCTGGGGCTCGGGAGTCGGGG  
 GCGGTGGGACAGTGGCGTACTCTTGATCCTCTCCGGCTGCTTGGTCTACGGCACAGCTGAAACTGATGT  
 AAATGTGGTCATGCTTCAGGAATCCCAAGTTTGTGAAAAGCGTGCCAGCCAACAATTCTGTTACACAAAT  
 GTGCTTATCCCAAAATGGCATGATATATGGACACGGATACAGATCCGAGTAAATAGTTCAGATTGGTTC  
 GAGTCACCCAGGTGGAGAATGAGGAGAACTGAAGGAGCTAGAGCAAAGTCAAATTTTCTACTACTCTAC  
 TGGGATGACTGTGGGAATTGTGGCCTCTCTGCTAATCATCATTTTTTATACTATCTAAGTTTATGCCTAAG  
 AAAAGTCCCATTTACGTCATCCTGGTGGGAGGCTGGTCTTTTTCTCTGTACCTCATTCAACTAGTTTTTA  
 AAAATTTACAAGAGATCTGGAGGTGTTACTGGCAGTATCTTTTAAAGTTATGTCCTCACAGTTGGATTTCAT  
 GAGTTTTGCAGTATGTTACAAGTATGGGCCCTTGAGAATGAACGAAGTATCAACCTGCTGACCTGGACC  
 TTGCAGCTGATGGCCTGTGTTTCATGTATTCTGGCATCCAGATACCACATATTGCCCTTGCCATTATCA  
 TCATTGCTCTTTGTAAGAACCTGGAACACCCTATTCAGTGGCTGTACATCACCTGCAGAAAGGTGTG  
 TAAGGGAGCAGAAAAGCCTGTTCCCTCGTCTCCTGACAGAAGAAGAATATCGGATACAAGGAGAGGTA  
 GAAACCCGAAAGGCTTTAGAGGAGCTCCGAGAATTTTGAACAGTCCAGACTGCTCTGCTTGGAAAGACTG  
 TTTCTCGAATCCAGTCTCCAAAAGATTTGCTGACTTTGTGGAAGGCTCTTCCACCTCAGCCAAATGA  
 AGTTTTCTGTCATGAGCAGGAGTATGGATTAGGGAGCATTATTGCCAGGATGAAATCTATGAGGAAGCA  
 TCCTCTGAGGAGGAGGACTCATATTCTCGGTGTCCTGCTATCACACAGAACAACCTTTCTAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC214148 protein sequence Red=Cloning site Green=Tags(s)  MAGGMKVAVSPAVGPGPWGSGVGGGGTVRLLLILSGCLVYGTAEVDVNVVMLQESQVCEKRASQQFCYTN VLIPKWHDIWTRIQIRVNSSRLVRVTQVENEKLEKEQSQIFYYSTGMTVGIVASLLIIIFILSKFMPK KSPIYVILVGGWSFSLYLIQLVFNKLEIWRWCYQYLLSYVLTVGFMSFAVCYKYGPLENERSINLLTWT LQLMGLCFMYSGIQIPHALAIIIIALCTKNLEHPIQWLYITCRKVCKGAEKPVPPRLTTEEEYRIQGEV ETRKALEELREFCNSPDCSAWKTVSRIQSPKRFADFVEGSSHLTPNEVSVHEQEYGLGSIIAQDEIYEEA SSEEDSYSRCPAITQNNFLT  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_015257
<b>ORF Size:</b>	1113 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_015257.1</a>
<b>RefSeq Size:</b>	5413 bp
<b>RefSeq ORF:</b>	1116 bp
<b>Locus ID:</b>	23306
<b>UniProt ID:</b>	<a href="#">O14524</a>
<b>Cytogenetics:</b>	12q13.3
<b>MW:</b>	42 kDa