

Product datasheet for **RC206992A1V**

Human TMEM63A (NM_014698) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TMEM63A (NM_014698) AAV Particle
Tag:	Myc-DDK
Symbol:	TMEM63A
Synonyms:	HLD19; KIAA0792
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC206992 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGGACTCCCCGTTCTGGAGCTGTGGCAGTCCAAGGCAGTGTCCATCAGGGAGCAGCTGGGACTCG
GGGACCGGCCAACGACTCCTATTGCTACAACCTCGGCCAAAAACAGCACCGTGCTCCAGGGGGTCACCTT
TGGTGGCATCCCCACTGCTGCTCATAGACGTCAGCTGCTTCCTGTTCTTAATCTTGGTGTCTTCTATT
ATAAGAAGAAGATTCTGGGACTATGGCCGATTGCCCTGGTGTGAGAAGCAGACAGCGAGTCCAGATTTT
AGAGATTGTGATCGACTTCTCCTCAGGTCAACAAGACTTTGAAAATGAGCTGGGATGCTGTCCCTGGCT
GACTGCCATCTCCGCTGCATGATGACCAGATCCTGGAATGGTGTGGGAGGACGCCATCCACTACCTG
TCCTTCCAGAGGCACATCATCTTCTGTTGGTGGTGGTCAGCTTTTTGTCCCTGTGTGCATCCTGCCTG
TCAACCTCTCAGGGGACTTGCTGGACAAAGACCCGTATAGTTTTGGGAGGACAACAATAGCAAACCTACA
GACTGACAATGACCTCCTTTGGCTGCACACCATCTTTGCTGTCATTTACCTCTTCTCCTCACTGTGGGTTTC
ATGCGGCACCACACTCAGTCCATTAAGTACAAAGAGGAGAACCTGGTGAGGCGGACCCTGTTTCATCACAG
GACTCCCCAGAGATGCCAGGAAGGAGACTGTGGAGAGCCACTTCCGGGACGCGTATCCCACGTGTGAGGT
GGTTGATGTGACGCTGTGCTACAACGTGGCCAACTGATCTACCTGTGCAAGGAGAAAAAGAACTGAG
AAGAGCCTGACCTATTACACAAACCTGCAGGTGAAGACAGGCCAGCGGACCCTCATCAACCCCAAGCCCT
GTGGCCAGTTTTGCTGCTGTGAAGTGTGGGCTGTGAGTGGGAAGACGCCATCTTACTACACACGGAT
GAAGGACAGGCTGCTGGAGAGGATCACAGAGGAAGAACGCCACGTCCAGGACAGCCCTGGGAATGGCC
TTCGTACCTTCCAGGAGAAGTCCATGGCCACCTACATCCTGAAAGATTTCAATGCCTGCAAGTGTGAGA
GCCTTCAGTGCAAAGGTGAGCCCCAGCCGCTCTCCATAGCAGGGAGCTCTATACCTCCAAGTGGACAGT
CACCTTTGCTGCTGACCCTGAGGACATCTGCTGGAAGAACCTCTCTATCCAGGGCCTCCGCTGGTGGCTA
CAGTGGCTGGGCATCACTTCACCTCTTCTGGGGCTATTTTTCTGACCACACCTCCATCATCCTGT
CCACCATTGGACAAGTTTAATGTACCAAACCCATCCATGCGCTGAATAACCCGATCATCAGCCAGTTCTT
CCCCACCTCCTGCTCTGGTCTTCTCGGCCCTGCTCCCTCCATTGTCTACTACTCTACACTGCTGGAG
TCTCACTGGACCAAGTCGGGGGAAAACAGATCATGATGACCAAAGTCTACATATTCTTGATCTTCATGG
TGCTGATCCTGCCCTCCCTGGGTCTCACCAGTCTAGATTTTTCTTCCGGTGGCTCTTTGACAAAACCTC
CTCGGAGGCTCCATCAGGTTGGAGTGGCTCTTCTGCCTGACCAGGTGCCTTCTTTGTGAACATATGTC
ATCGCCTCGGCCTTCATCGGCAATGGCATGGAGCTGCTGCGGCTGCCAGGTCTCATCCTCTATACCTTCC
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TGGAGCCATGTATGCATGGATGCTGTGTCTTCACTGTGATCGTGGCCTACAGCATCACTTGTCCCATC
ATCGCGCCATTTGGCCTCATCTACATCCTGCTCAAGCAGATGGTGGACCGGCACAACTCTACTTCGTCT
ACCTCCAGCCAAGCTGGAGAAGGGATCCACTTTGCCGCTGTGAACCAGGCCTTGGCAGCCCCCATCCT
GTGCCTCTTCTGGCTCTACTTCTTTCTTCTTCTGCGCCTGGGTATGAAGGCCCCCGCCACTCTGTTACCC
TTCCTGGTGTGCTGCTCACCATCCTGGTCTGCCTGGCTCACACCTGCTTTGGATGCTTCAAGCACCTCA
GCCCTCTGAACACAAAACAGAGACCTGCAAGTGACAAAGGAAGTGAGGCAGAGGCCACATGCCCCC
ACCGTTCACACCCTACGTGCCTCGGATTCTGAACGGCTTGGCCTCGGAGAGGACAGCACTGTCTCCGCG
CAGCAGCAGCAGCAGACCTATGGTGCCATCCACAACATCAGCGGGACTATCCCTGGACAGTGTGGCGC
AGAGCGCCACGGGCAGTGTGGCTGCTGCCCCCAGGAGGCC

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206992 protein sequence Red=Cloning site Green=Tags(s) MMDSPFLELWQSKAVSIREQLGLGDRPNDSYCYNSAKNSTVLQGVTGGIPTVLLIDVSCFLFLILVFSI IRRRFYWDYGRIALVSEADSESRFQRLSSTSSSGQDFENELGCCPWLTAIFRLHDDQILEWCGEDAIHYL SFQRHIIIFLLVVVSFLSLCVILPVNLSGDLLDKDPYSFGRTTIANLQTDNDLLWLHTIFAVIYFLTVGF MRHHTQSIKYKEENLVRRTLFITGLPRDARKETVESHFRTDAYPTCEVVDVQLCYNVAKLIYLCKEKKKTE KSLTYTYTNLQVKTGQRTLINPKPCGQFCCCEVLGCEWEDAISSYTRMKDRLLERITEERHVQDQPLGMA FVTFQEKSMTYILKDFNACKCQSLQCKGEPQSSHSRELYTSKWTVTFAADPEDICWKNLSIQGLRWL QWLGINFTLFLGLFLLTPSIIILSTMDKFNVTKPIHALNPNIIISQFFPTLLLWSFSALLPSIVYYSTLLE SHWTKSGENQIMMTKVYIFLIFMVLILPSLGLTSLDFFRWLFDKTSSEASIRLECVFLPDQGAFFVNYV IASAFIGNGMELLRLPGLILYTFRMIMAKTAADRRNVKQNQAFQYEFGAMYAWMLCVFTVIVAYSITCPI IAPFGLIYILLKHMVDRHNLVYVYLPKLEKGIHFAAVNQALAAPILCLFWLYFFSFLRLGMKAPATLFT FLVLLLTILVCLAHTCFGCFKHLSPLNKTEEPASDKGSEAEAHMPPPTPYVPRILNGLASERTALSPQ QQQQQTYGAIHNISGTIPGQCLAQSATGSVAAAPQEA SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014698
ORF Size:	2421 bp
Buffer:	PBS with 0.001% Pluronic F5967
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_014698.1
RefSeq Size:	4469 bp
RefSeq ORF:	2424 bp
Locus ID:	9725
UniProt ID:	O94886
Cytogenetics:	1q42.12
MW:	92.1 kDa