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 RC600056A1V

Human TIE1 (NM_005424) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TIE1 (NM_005424) AAV Particle
Tag:	Myc-DDK
Symbol:	TIE1
Synonyms:	JTK14; LMPHM11; TIE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

View online »

ORF Nucleotide Sequence:

>RC600056 representing leader sequence plus the extracellular domain region of NM_005424
Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGCGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGGTCTGGCGGGTGCCCCCTTTCTTGCTCCCCATCCTCTTCTTGGCTTCTCATGTGGGCGCGGCGGTGG
ACCTGACGCTGCTGGCCAACCTGCGGCTCACGGACCCCCAGCGCTTCTTCCTGACTTGCGTGTCTGGGGA
GGCCGGGGCGGGGAGGGGCTCGGACGCCTGGGGCCCGCCCCTGCTGCTGGAGAAGGACGACCGTATCGTG
CGCACCCCGCCCGGGCCACCCCTGCGCCTGGCGCGCAACGGTTCGCACCAGGTCACGCTTCGCGGCTTCT
CCAAGCCCTCGGACCTCGTGGGCGTCTTCTCCTGCGTGGGCGGTGCTGGGGCGCGGCGCACGCGCGTCAT
CTACGTGCACAACAGCCCTGGAGCCCACCTGCTTCCAGACAAGGTCACACACACTGTGAACAAAGGTGAC
ACCGCTGTACTTTCTGCACGTGTGCACAAGGAGAAGCAGACAGACGTGATCTGGAAGAGCAACGGATCCT
ACTTCTACACCCTGGACTGGCATGAAGCCCAGGATGGGCGGTTCCTGCTGCAGCTCCCAAATGTGCAGCC
ACCATCGAGCGGCATCTACAGTGCCACTTACCTGGAAGCCAGCCCCCTGGGCAGCGCCTTCTTTCGGCTC
ATCGTGCGGGGTTGTGGGGCTGGGCGCTGGGGGCCAGGCTGTACCAAGGAGTGCCCAGGTTGCCTACATG
GAGGTGTCTGCCACGACCATGACGGCGAATGTGTATGCCCCCCTGGCTTCACTGGCACCCGCTGTGAACA
GGCCTGCAGAGAGGGCCGTTTTGGGCAGAGCTGCCAGGAGCAGTGCCCAGGCATATCAGGCTGCCGGGGC
CTCACCTTCTGCCTCCCAGACCCCTATGGCTGCTCTTGTGGATCTGGCTGGAGAGGAAGCCAGTGCCAAG
AAGCTTGTGCCCCTGGTCATTTTGGGGCTGATTGCCGACTCCAGTGCCAGTGTCAGAATGGTGGCACTTG
TGACCGGTTCAGTGGTTGTGTCTGCCCCTCTGGGTGGCATGGAGTGCACTGTGAGAAGTCAGACCGGATC
CCCCAGATCCTCAACATGGCCTCAGAACTGGAGTTCAACTTAGAGACGATGCCCCGGATCAACTGTGCAG
CTGCAGGGAACCCCTTCCCCGTGCGGGGCAGCATAGAGCTACGCAAGCCAGACGGCACTGTGCTCCTGTC
CACCAAGGCCATTGTGGAGCCAGAGAAGACCACAGCTGAGTTCGAGGTGCCCCGCTTGGTTCTTGCGGAC
AGTGGGTTCTGGGAGTGCCGTGTGTCCACATCTGGCGGCCAAGACAGCCGGCGCTTCAAGGTCAATGTGA
AAGTGCCCCCCGTGCCCCTGGCTGCACCTCGGCTCCTGACCAAGCAGAGCCGCCAGCTTGTGGTCTCCCC
GCTGGTCTCGTTCTCTGGGGATGGACCCATCTCCACTGTCCGCCTGCACTACCGGCCCCAGGACAGTACC
ATGGACTGGTCGACCATTGTGGTGGACCCCAGTGAGAACGTGACGTTAATGAACCTGAGGCCAAAGACAG
GATACAGTGTTCGTGTGCAGCTGAGCCGGCCAGGGGAAGGAGGAGAGGGGGCCTGGGGGCCTCCCACCCT
CATGACCACAGACTGTCCTGAGCCTTTGTTGCAGCCGTGGTTGGAGGGCTGGCATGTGGAAGGCACTGAC
CGGCTGCGAGTGAGCTGGTCCTTGCCCTTGGTGCCCGGGCCACTGGTGGGCGACGGTTTCCTGCTGCGCC
TGTGGGACGGGACACGGGGGCAGGAGCGGCGGGAGAACGTCTCATCCCCCCAGGCCCGCACTGCCCTCCT
GACGGGACTCACGCCTGGCACCCACTACCAGCTGGATGTGCAGCTCTACCACTGCACCCTCCTGGGCCCG
GCCTCGCCCCCTGCACACGTGCTTCTGCCCCCCAGTGGGCCTCCAGCCCCCCGACACCTCCACGCCCAGG
CCCTCTCAGACTCCGAGATCCAGCTGACATGGAAGCACCCGGAGGCTCTGCCTGGGCCAATATCCAAGTA
CGTTGTGGAGGTGCAGGTGGCTGGGGGTGCAGGAGACCCACTGTGGATAGACGTGGACAGGCCTGAGGAG
ACAAGCACCATCATCCGTGGCCTCAACGCCAGCACGCGCTACCTCTTCCGCATGCGGGCCAGCATTCAGG
GGCTCGGGGACTGGAGCAACACAGTAGAAGAGTCCACCCTGGGCAACGGGCTGCAGGCTGAGGGCCCAGT
CCAAGAGAGCCGGGCAGCTGAAGAGGGCCTGGATCAG

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAATGAGATC
TGGTACCGATATCAAGCTTGTCGACTCTAGA

Protein Sequence:

>RC600056 representing signal peptide plus the extracellular domain region of NM_005424
Red=Cloning sites Green= DDK and 6XHIS Tags

MVWRVPPFLLPILFLASHVGAAVDLTLLANLRLTDPQRFFLTCVSGEAGAGRGSDAWGPPLLLEKDDRIV
RTPPGPPLRLARNGSHQVTLRGFSKPSDLVGVFSCVGGAGARRTRVIYVHNSPGAHLLPDKVTHTVNKGD
TAVLSARVHKEKQTDVIWKSNGSYFYTLDWHEAQDGRFLLQLPNVQPPSSGIYSATYLEASPLGSAFFRL
IVRGCGAGRWGPGCTKECPGCLHGGVCHDHDGECVCPPGFTGTRCEQACREGRFGQSCQEQCPGISGCRG
LTFCLPDPYGCSCGSGWRGSQCQEACAPGHFGADCRLQCQCQNGGTCDRFSGCVCPSGWHGVHCEKSDRI
PQILNMASELEFNLETMPRINCAAAGNPFPVRGSIELRKPDGTVLLSTKAIVEPEKTTAEFEVPRLVLAD
SGFWECRVSTSGGQDSRRFKVNVKVPPVPLAAPRLLTKQSRQLVVSPLVSFSGDGPISTVRLHYRPQDST
MDWSTIVVDPSENVTLMNLRPKTGYSVRVQLSRPGEGGEGAWGPPTLMTTDCPEPLLQPWLEGWHVEGTD
RLRVSWSLPLVPGPLVGDGFLLRLWDGTRGQERRENVSSPQARTALLTGLTPGTHYQLDVQLYHCTLLGP
ASPPAHVLLPPSGPPAPRHLHAQALSDSEIQLTWKHPEALPGPISKYVVEVQVAGGAGDPLWIDVDRPEE
TSTIIRGLNASTRYLFRMRASIQGLGDWSNTVEESTLGNGLQAEGPVQESRAAEEGLDQ

TRSGTRSGDYKDDDDKGSHHHHHH

Species: Human

Serotype: AAV-2

ACCN: NM_005424

ORF Size: 2277 bp

Buffer: PBS with 0.001% Pluronic F11418

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_005424.4, NP_005415.1

RefSeq Size: 4000 bp

RefSeq ORF: 3417 bp

Locus ID: 7075

UniProt ID: P35590

Cytogenetics: 1p34.2

MW: 82.2 kDa