

Product datasheet for **RC203377A1V**

Human TOE1 (NM_025077) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TOE1 (NM_025077) AAV Particle
Tag:	Myc-DDK
Symbol:	TOE1
Synonyms:	hCaf1z; PCH7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203377 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGCCGCCGACAGTGACGATGGCGCAGTTTCAGCTCCCGCAGCTTCGACGGTGGTGTGAGCAAAAGCA
CAACATCTGGGGAGGAGCTAGTAGTCCAGGTTCCCGTAGTGGATGTGCAAAGCAACAACCTCAAGGAGAT
GTGGCCATCCCTCTGTAGCCATAAAGACAGCTAATTTCTGGCTGTGGACACGGAGCTGAGTGGGCTT
GGGGACAGGAAGAGTTTGTGAACAGTGCAATTGAGGAACGTTACAAGGCCGTGTGTGATGCTGCCAGGA
CCCGTTCTATCCTTTCCCTGGGCTCGCCTGCTTCAAGCGGCAGCCAGACAAGGGTGAACATTCTATCT
GGCTCAAGTGTTCAATCTCACTCTGCTGTGCATGGAGGAGTATGTCATAGAACCAAGTCTGTGCAGTTC
CTGATACAGCATGGCTTCAACTTCAACCAGCAGTATGCCAAGGCATCCCCTACCATAAGGGCAATGACA
AGGGTGATGAGAGCCAGAGCCAGTCAGTACGGACCTATTCTGGAGCTAATCCGAGCCCGCGGCCCT
GGTGCTACACAATGGCCTTATAGACTTGGTGTCTGTACCAGAACTTCTATGCACACCTCCCTGAGAGT
CTGGGAACCTTACCCTGACCTGTGTGAGATGTTCCAGCAGGCATTTATGACACCAAAATATGCTGCTG
AGTTTCATGCCCGTTTCTGTGGCTCCTACTTAGAATATGCCTCCGGAATGTGAACGGGAAAATGGGAA
GCAGCGGGCAGCTGGCAGCCACACCTTACCCTGGAGTCTGCAACTATCCTTCCAGCATGAGGGACCAT
ATTGATTACCGCTGCTGCCTGCCCCAGCAACCCACCGTCTCATCCCACAGCATCTGTGACAACTTCT
CGGCTTATGGCTGGTGGCCCTGGGACCACAGTGCTCCTCAGTCTCACGATATTGACCTTATCATTGACAC
TGATGAGGCTGCGGCAGAGGACAAGCGGCGACGGCAGCAGTAGGAAAAACGGAAGAGGGCTTTATTG
AACCTACCGGGGACACAGACCTCTGGGAAGCTAAGGATGGTCTCCCAAGAAGCAGGTCTGTGGGGATA
GCATCAAGCCTGAAGAAACCGAGCAGGAGGTGGCTGCCGATGAACTAGGAACCTGCCTCACTCCAAGCA
AGGCAACAAAAATGACTTAGAGATGGGGATTAAGGCAGCAAGGCCTGAAATAGCTGATAGAGCTACCTCA
GAAGTGCCAGGGAGCCAAGCCAGTCCTAACCAGTGCCTGGGGATGGATTGCACCGGGCTGGTTTTGATG
CCTTTATGACAGGTTATGTGATGGCCTATGTGGAAGTGAGCCAGGGACCGCAGCCCTGCAGCTCTGGACC
CTGGCTCCCTGAATGCCACAATAAGGTATTTGAGTGGAAGCTGTACCCCTCACAGTGGCCAAGAGC
CAGTTCTCTGTTCTCCAAAGCCACAATCAGAAGATGAAGCTCACTTGGGGCAGTAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203377 protein sequence

Red=Cloning site Green=Tags(s)

 MAADSDDGAVSAPAASDGGVSKSTTSGEELVVQVPVVDVQSNFKEWPSLLLAIKTANFVAVDTELSGL
GDRKSLLNQCIERYKAVCHAARTSILSLGLACFKRQPDKEHSYLAQVFNLTLCCMEYVIEPKSVQF
LIQHGFNFNQYAQGIPIYHKGNKGDQSQSVRTLFLLEIRARRPLVLHNLIDLVFLYQNFYAHLPES
LGTFTADLCMFPAIYDTKYAAEFHARFVASYLEYAFRK CERENGKQRAAGSPHLTLEFCNYPSSMRDH
IDYRCCLPPATHRPHPTSIDNFSAYGWCP LGPQCPQSHDIDLIDTDEAAAEDKRRRRRRREKRKRALL
NLPQTQTSGEAKDGPPKKQVCGDSIKPEETEQEVAADETRNLPHSKQGNKNDLEMGIKAARPEIADRATS
EVPGSQASPNPVPDGLHRAFGDAFMTGYVMAYVEVSQGPQPCSSGPWLPECHNKVYLSGKAVPLTVAKS
QFSRSSKAHNQKMKLTWGSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_025077

ORF Size:

1530 bp

Buffer:	PBS with 0.001% Pluronic F68
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_025077.2</u>
RefSeq Size:	2408 bp
RefSeq ORF:	1533 bp
Locus ID:	114034
UniProt ID:	<u>Q96GM8</u>
Cytogenetics:	1p34.1
MW:	56.5 kDa