

Product datasheet for **RC215658A1V**

Human Topoisomerase I (TOP1) (NM_003286) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Topoisomerase I (TOP1) (NM_003286) AAV Particle
Tag:	Myc-DDK
Symbol:	TOP1
Synonyms:	TOPI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215658 representing NM_003286
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGTGGGGACACCTCCACAACGATTCCCAGATCGAAGCGGATTTCCGATTGAATGATTCTCATAAAC
 ACAAAGATAAACACAAAGATCGAGAACACCGGCACAAAGAACACAAGAAGGAGAAGGACCGGAAAAAGTC
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 CTGGAAGTTCAAGCCACAGACCGAGAGGAAAAATAACAGATTGCCCTGGGAACCTCCAACTCAATTATC
 TGGACCCTAGGATCACAGTGGCTTGGTGCAAGAAGTGGGGTGTCCAATTGAGAAGATTTACAACAAAAC
 CCAGCGGGAGAAGTTTGCCTGGGCCATTGACATGGCTGATGAAGACTATGAGTTT

ACCGGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215658 representing NM_003286 Red=Cloning site Green=Tags(s) MSGDHLHNSQIEADFRNLNDSHKHKDKHKDREHRHKEHKKEKDREKSKHSNSEHKDSEKKHKEKEKTKHK DGSSEKHKDKHKDRDKEKRKEEKVRASGDAKIKKEKENGFSPPQIKDEPEDDGYFVPPKEDIKPLKRPR DEDDADYKPKKIKTEDTKKEKKRKL EEEEDGKLKPKNKDKDKVPEPDNKKKKPKKEEQKWKWWEER YPEGIKWKFLEHKGPFVAPPYEPLPENVKFYDGVKMLSPKAEVATFFAKMLDHEYTTKEIFRKNFFK DWRKEMTNEEKNIITNL SKCDF TQMSQYFKAQTEARKQMSKEEKLKIKEENEKLLKEYGFCIMDNHKERI ANFKIEPPGLFRGRGNHPKMGMLKRRIMPEDI IINCSKDAKVPSPPPGHKWKEVRHDNKVTLVSWTENI QGSIKYIMLNPSSRIKGEKDWQYETARRLKKCVDKIRNQYREDWKSKEKVRQRAVALYFIDKLALRAG NEKEEGETADTVGCCSLRVEHINLHPELDGQEYVVEFDL GKDSIRYYNKVPVEKRVFKNLQLFMENKQP EDDLFDRLNTGILNKLHQLDMEGLTAKVFRTYNASITLQQQLKELTAPDENIPAKILSYNRANRAVAILC NHQRAPPKTFEKSMMNLQTKIDAKKEQLADARRDLKSAKADAKVMKDAKTKKVESKKKAVQRLEEQLMK LEVQATDREENKQIALGT SKLNYLDPRITVAWCKKWGVPIEKIYNKTQREKFAWAIDMADEDYEF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003286
ORF Size:	2295 bp
Buffer:	PBS with 0.001% Pluronic F7416
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_003286.2</u>
RefSeq Size:	3734 bp
RefSeq ORF:	2298 bp
Locus ID:	7150
UniProt ID:	<u>P11387</u>
Cytogenetics:	20q12
MW:	90.5 kDa