

Product datasheet for **RC228489A1V**

Human TCF7L2 (NM_001146274) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TCF7L2 (NM_001146274) AAV Particle
Tag:	Myc-DDK
Symbol:	TCF7L2
Synonyms:	TCF-4; TCF4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228489 representing NM_001146274
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCGCAGCTGAACGGCGGTGGAGGGGATGACCTAGGCGCCAACGACGAAGTATTTCTTCAAAGACG
 AGGGCGAACAGGAGGAGAAGAGCTCCGAAAACCTCTCGCAGAGAGGGATTTAGCTGATGTCAAATCGTC
 TCTAGTCAATGAATCAGAAACGAATCAAAACAGCTCCTCCGATTCCGAGGCGGAAAGACGGCCTCCGCCT
 CGCTCCGAAAGTTTCCGAGACAAATCCCGGGAAGTTTGAAGAAGCGGCCAAGAGGCAAGATGGAGGGC
 TCTTTAAGGGGCCACCGTATCCCGGCTACCCCTTCATCATGATCCCCGACCTGACGAGCCCTACCTCCC
 CAACGGATCGCTCTGCCCCACCGCCGAACCTCCATTTTCAGTCCGGCAGCACACATTACTCTGCGTAC
 AAAACGATTGAACACCAGATTGCAGTTCACTATCTCCAGATGAAATGGCCACTGCTTGATGTCCAGGCAG
 GGAGCCTCCAGAGTAGACAAGCCCTCAAGGATGCCCGTCCCCATCACCAGCACACATTGTCTTAACAA
 AGTGCCAGTGGTGCAGCACCTCACCATGTCCACCCCTCAGCCTCTTATCAGTACAGCAATGAACAC
 TTCACGCCGGGAAACCCACCTCCACACTTACCAGCCGACGTAGACCCCAAAACAGGAATCCACGGCCTC
 CGCACCTCCAGATATATCCCCGTATTACCCACTATCGCTGGCACCGTAGGACAAATCCCCATCCGCT
 AGGATGGTTAGTACCACAGCAAGGTCAACCAAGTGTACCAATCAGCAGGAGGATTAGACACCCCTAC
 CCCACAGCTCTGACCGTCAATGCTTCCATGTCCAGGTTCCCTCCCCATATGGTCCCACCACATCATACGC
 TACACAGCAGGGCATTCCGCATCCGGCCATAGTCACACCAACAGTCAAACAGGAATCGTCCAGAGTGA
 TGTCGGCTCACTCCATAGTTCAAAGCATCAGGACTCCAAAAGGAAGAAGAAAGAAAGAGCCCCACATA
 AAGAAACCTCTTAATGCATTATGTTGTATATGAAGGAAATGAGAGCAAAGGTCGTAGCTGAGTGCACGT
 TGAAGAAAGCGCGGCATCAACCAGATCCTTGGCGGAGGTGGCATGCACTGTCCAGAGAAGAGCAAGC
 GAAATACTACGAGCTGGCCCGAAGGAGCGACAGCTTCATATGCAACTGTACCCGGCTGGTCCGCGCGG
 GATAACTATGGAAGAAGAAGAAGAGGAAAAGGACAAGCAGCCGGGAGAGACCAATGATGCAAATACTC
 CAAAGAAGTGTGGGCACTGTTGGGCTTGACCGACAGACTTTATGGTGCAAACCGTGCAGGAGAAAAAA
 AAAGTGCCTTCTGCTACATACAAGGTGAAGGCAGCTGCCTCAGCCACCCCTCTTCAAGTGAAGCTTACTA
 GATTGCGCTCCCCCTCCCCGAACCTGCTAGGCTCCCCCCCCGAGACGCAAGTACAGACTGAGCAGA
 CCCAGCCTCTGCTGCTGCTGCTGAAGCCGACCCCTGGCCACCTGTCCATGATGCTCCGCCACCCGC
 CCTCTGCTGCTGAGGCCACCCACAAGGCTCCGCCCTGTCCCAACGGGGCCCTGGACCTGCCCCCA
 GCGCTTTGCAGCTGCCGCCCCCTCTCATCAATTGCACAGCCGTCGACTTCTTCTTACATTCCACA
 GCTCCCTGGCCGGGACCCAGCCCGAGCCGCTGTCGCTCGTCACCAAGTCTTAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPQLNGGGDDLGADELISFKDEGEQEEKSSENSSAERDLADVKSLLVNESETNQNSSDSEAERRPPP
 RSESFDRKSRESLEEAAKRQDGGFLKGPYPGYPFIMIPDLTSPYLPNGSLSPARTLHFQSGSTHYSAY
 KTIEHQIYVQYLQMKWPLLDVQAGSLQSRQALKDARSPSPAHIVSNKVPVQHPHHVHPLTPLITYSNEH
 FTPGNPPPHLPADVDPKTGIPRPPHPDISPYPLSPGTVGQIPHPLGWLVPQQGQPVYPITTTGFRHPY
 PTALTVNASMSRFPFPHMVPVHHTLHTTGIPHPAIVTPTVKQESSQSDVGLHSSKHQDSKKEEKKKPHI
 KKPLNAFMLYMKEMRAKVVAECTLKESAAINQILGRRWHALSRREQAKYYELARKERQLHMQLYPGWSAR
 DNYGKKKKRKRDKQPGETNDANTPKKCRALFGLDRQTLWCKPCRRKKKCVRYIQEGSCLSPSSDGSLL
 DSPPPSPNLLGSPPRDAKSQTEQTQPLSLSLKPDPLAHLMMPPPPALLLAETHKASALCPNGALDLP
 AALQPAAPSSSIAQPTSSLSHSSLAGTQPQPLSLVTKSLE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001146274
ORF Size:	1806 bp
Buffer:	PBS with 0.001% Pluronic F9429
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_001146274.1</u>
RefSeq ORF:	1809 bp
Locus ID:	6934
UniProt ID:	<u>Q9NQB0</u>
Cytogenetics:	10q25.2-q25.3
MW:	65.9 kDa