

Product datasheet for **RC209505A1V**

Human POFUT2 (NM_133635) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human POFUT2 (NM_133635) AAV Particle
Tag:	Myc-DDK
Symbol:	POFUT2
Synonyms:	C21orf80; FUT13
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209505 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGACACTCAGCTTCGTCTTCTGCTGCTGGGGCAGTGTCTGGCCTCCGGCTTCTGCCTCCGGCC
AGGAGTTCTGGCCCGGACAATCGGCGGCCGATATTCTGTGGGGCGGCTTCCCGCAGACGGTATCTTCT
GTATGACGTCAACCCCCGGAAGGCTTCAACCTGCGCAGGGATGTCTATATCCGAATCGCCTCTCTCCTG
AAGACTCTGCTGAAGACGGAGGAGTGGTGCTTGTCTGCCTCCATGGGGCCGCTCTATCACTGGCAGA
GTCCTGACATCCACAGGTCCGGATTCCCTGGTCTGAGTTTTTTGATCTTCCAAGTCTCAATAAAAAACAT
CCCCGTATCGAGTATGAGCAGTTTCATCGCAGAATCTGGTGGGCCCTTTATTGACCAGGTTTACGTCCTG
CAAAGTTACGCAGAGGGGTGAAAGAAGGGACCTGGGAAGAGAAGGTGGACGAGCGGCCGTGATTGATC
AGCTCCTGTACTCCCAGGACAAGCACGAGTACTACAGAGGATGGTTTTGGGGTTATGAGGAGACCAGGGG
TCTAAACGTCTCCTGTCTGTCCGTCCAGGGCTCAGCCTCCATCGTGGCGCCCCTGCTGCTGAGAAACACA
TCAGCCCGGTCCGTGATGTTAGACAGAGCCGAGAACCTACTTCACGACCACTATGGAGGGAAAGAATACT
GGGATACCCGTCGCAGCATGGTGTGGCCAGGCACCTGCGGGAGGTGGGAGACGATTCAGGAGCAGACA
TCTCAACTCCACGGACGACGACAGGATCCCTTCCAGGAGGACTGGATGAAGATGAAGGTCAAGCTG
GGCTCCGCGCTAGGGGGCCCCTACCTGGGAGTCCACCTGAGAAGAAAAGATTTTCTGCGGTACAGAC
AGGATGTACCCAGTCTGGAAGGGCCGTGAGGAAGATCCGCAGCCTCATGAAGACCCACCGGCTGGACAA
GGTGTGTTGTTGGCCACAGATGCCGTGAGAAAGGAATATGAAGAGCTAAAAAAGCTGTTACCCGAGATGGTG
AGGTTTGAACCCACGTGGGAGGAGCTGGAGCTCTACAAGGACGGAGGCGTTGCGATTATTGACAGTGGA
TCTGCGCACACGCCAGGTTTTTTATTGGCACCTCAGTCTCAACATTTTCTTTTCGGATTATGAGGAAAG
AGAAATCCTGGGTTGGACCCCAAGACGACGTACAACAGGTTCTGCGGAGACCAAGAGAAGGCGTGTGAG
CAACCCACCCACTGGAAGATCACCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209505 protein sequence Red=Cloning site Green=Tags(s) MATLSFVFLLLGAVSWPPASASGQEFWPGQSAADILSGAASRRRYLLYDVNPPEGFNLRDYYIRIASLL KTLKTEEWVLVLPWGRLYHWQSPDIHQVRIPWSEFFDLPSLNKNIPVIEYEQFIAESGGPFIDQVYVL QSYAEGWKEGTWEEKVDERPCIDQLLYSQDKHEYRGWFWGYEETRGLNVSCLSVQGSASIVAPLLLRNT SARSVMLDRAENLLHDHYGGKEYWDTRRSMVFARHLREVGDEFRRHLNSTDDADRIPFQEDWMKMKVKL GSALGGPYLGVHLRRKDFIWGHRQDVPSLEGAVRKIRSLMKTHRLDKVVFATDAVRKEYEELKKLLPEMV RFEPTWEELELYKDGGAIDQWICAHARFFIGTSVSTFSFRIHEEREILGLDPKTTYNRFCGDQEKACE QPTHWKITY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_133635
ORF Size:	1287 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:	NM_133635.4
RefSeq Size:	2878 bp
RefSeq ORF:	1290 bp
Locus ID:	23275
UniProt ID:	Q9Y2G5
Cytogenetics:	21q22.3
MW:	50 kDa