

Product datasheet for **RC217185A1V**

Human POFUT1 (NM_015352) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human POFUT1 (NM_015352) AAV Particle
Tag:	Myc-DDK
Symbol:	POFUT1
Synonyms:	DDD2; FUT12; O-Fuc-T; O-FucT-1; O-FUT; OFUCT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217185 representing NM_015352 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGCGCCGCGCTGGGCACGGCCGCTGAGCGTGTCTTCTGCTGCTGCTTCTGCCGCTCCCGGGA
TGCTGCGGGCTCCTGGGACCGCGGTTACCTGCTCTACTGCCCTGCATGGGGCGCTTTGGGAACCA
GGCCGATCACTTCTTGGGCTCTCTGGCATTTGCAAAGCTGCTAAACCGTACCTTGGCTGTCCCTCCTTGG
ATTGAGTACCAGCATCACAAGCCTCCTTCCACCAACCTCCATGTGTCTACCAGAAGTACTTCAAGCTGG
AGCCCCCTCCAGGCTTACCATCGGGTCATCAGCTTGGAGGATTTTCATGGAGAAGCTGGCACCCACCACTG
GCCCCCTGAGAAGCGGGTGGCATACTGCTTTGAGGTGGCAGCCAGCGAAGCCAGATAAGAAGACGTGC
CCCATGAAGGAAGGAAACCCCTTTGGCCATTCTGGGATCAGTTTCATGTGAGTTTCAACAAGTCGGAGC
TTTTTACAGGCATTTCTTCACTGCTTCTACAGAGAACAATGGAGCCAGAGATTTTCTCCAAAGGAACA
TCCGGTGCTTGGCCTGCCAGGAGCCCCAGCCAGTTCCCGTCTAGAGGAACACAGGCCACTACAGAAG
TACATGGTATGGTCAGACGAAATGGTGAAGACGGGAGAGGCCAGATTTCATGCCACCTTGTCCGGCCCT
ATGTGGGCATTTCATGCGCATTTGGCTCTGACTGGAAGAAGCCTGTGCCATGCTGAAGGACGGGACTGC
AGGCTCGCACTTCATGGCCTCTCCGAGTGTGTGGCTACAGCCGAGCAGAGCGGCCCCCTCAGCATG
ACTATGTGCCTGCCTGACCTGAAGGAGATCCAGAGGGCTGTGAAGCTCTGGGTGAGGTGCTGGATGCC
AGTCGGTCTACGTTGCTACTGATTCCGAGAGTTATGTGCTGAGCTCCAACAGCTCTTCAAAGGGAAGGT
GAAGGTGGTGAAGCCTGAAGCCTGAGGTGGCCAGGTGACCTGTACATCCTCGGCCAAGCCGACCACTTT
ATTGGCAACTGTGTCTCTCTTCACTGCCTTTGTGAAGCGGGAGCGGGACCTCCAGGGGAGGCCGTCTT
CTTCTTCGGCATGGACAGGCCCCCTAAGCTGCGGGACGAGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217185 representing NM_015352 Red=Cloning site Green=Tags(s) MGAAAWARPLSVSFLLLLLPLPGMPAGSWDPAGYLLYCPCMGFRGNQADHFLGSLAFAKLLNRTLAVPPW IEYQHHKPPFTNLHVSQKQYFKLEPLQAYHRVISLEDFMEKLAPTHWPPEKRVAYCFEVAQRSPDKKTC PMKEGNPFGPFWDQFHVSFNKSELFSGISFSASYREQWSQRFSPKEHPVLALPGAPAQFPVLEEHRPLQK YMWSDVMVKTGEAQIHAIHLVRPYVGIHLRIGSDWKNACAMLDGTAGSHFMASPCVGYSRSTAAPLTM TMCLPDLKEIQRAVKLWVRSLDAQSVYVATDSESYVPELQQLFKGKVKVYSLKPEVAQVDLYILGQADHF IGNCVSSFTAFVKRERDLQGRPSSFFGMDRPPKLRDEF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_015352
ORF Size:	1164 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_015352.1
RefSeq Size:	5249 bp
RefSeq ORF:	1167 bp
Locus ID:	23509
UniProt ID:	Q9H488
Cytogenetics:	20q11.21
MW:	43.96 kDa