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Product datasheet for RC205513A1V

Human TRUB1 (NM_139169) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TRUB1 (NM_139169) AAV Particle
Tag:	Myc-DDK
Symbol:	TRUB1
Synonyms:	PUS4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC205513 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCGCTTCTGAGGCGGCGGTGGTGTCTTCGCCGTCTTTGAAAACAGACACATCCCCTGTCCTTGAAA
CTGCAGGAACGGTCGCAGCAATGGCTGCGACCCCGTCAGCAAGGGCTGCAGCCGCGGTGGTTGCGGCCGC
GGCCAGGACCGGATCCGAAGCCAGGGTCTCCAAGGCCGCTTTGGCTACCAAGCTGCTGTCCTTGAGCGGC
GTGTTCGCCGTGCACAAGCCCAAAGGGCCCACTTCAGCCGAGCTGCTGAATCGGTTGAAGGAGAAGCTGC
TGGCAGAAGCTGGAATGCCTTCTCCAGAATGGACCAAGAGGAAAAAGCAGACTTTGAAAATTGGGCATGG
AGGGACTCTAGACAGCGCAGCCCGAGGAGTTCTGGTTGTTGGAATTGGAAGCGGAACAAAAATGTTGACC
AGTATGTTGTCAGGGTCCAAGAGATATACTGCCATTGGAGAACTGGGGAAAGCTACTGATACACTAGATT
CTACGGGGAGGGTAACAGAAGAAAAACCTTACGATAAAATAACACAAGAAGATATTGAAGGCATTCTACA
GAAATTTACTGGAAATATAATGCAAGTGCCCCCCCTCTATTCTGCATTAAAGAAAGATGGACAAAGACTT
TCGACTTTGATGAAGAGAGGTGAAGTCGTAGAAGCAAAACCTGCCAGGCCAGTGACTGTATACAGTATCT
CCCTTCAAAAATTCCAGCCACCATTTTTCACATTAGATGTTGAATGTGGAGGAGGTTTTTATATCAGAAG
CTTGGTCAGTGACATTGGAAAAGAACTATCTTCCTGTGCCAATGTGCTAGAGCTGACCCGAACCAAACAG
GGACCATTTACGCTAGAAGAACATGCCCTTCCTGAAGACAAATGGACAATTGATGACATTGCACAGTCTC
TTGAGCATTGCTCATCTCTTTTCCCAGCAGAGTTGGCACTTAAAAAATCAAAACCTGAGTCTAATGAACA
GGTTTTGAGCTGTGAATATATAACTCTAAATGAGCCAAAGAGAGAAGATGATGTAATTAAGACGTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

>RC205513 protein sequence
Red=Cloning site Green=Tags(s)

MAASEAAVVSSPSLKTDTSPVLETAGTVAAMAATPSARAAAAVVAAAARTGSEARVSKAALATKLLSLSG
VFAVHKPKGPTSAELLNRLKEKLLAEAGMPSPEWTKRKKQTLKIGHGGTLDSAARGVLVVGIGSGTKMLT
SMLSGSKRYTAIGELGKATDTLDSTGRVTEEKPYDKITQEDIEGILQKFTGNIMQVPPLYSALKKDGQRL
STLMKRGEVVEAKPARPVTVYSISLQKFQPPFFTLDVECGGGFYIRSLVSDIGKELSSCANVLELTRTKQ
GPFTLEEHALPEDKWTIDDIAQSLEHCSSLFPAELALKKSKPESNEQVLSCEYITLNEPKREDDVIKTC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_139169

ORF Size: 1047 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_139169.4

RefSeq Size: 3412 bp

RefSeq ORF: 1050 bp

Locus ID: 142940

UniProt ID: Q8WWH5

Cytogenetics: 10q25.3

MW: 37.3 kDa