

Product datasheet for **RC212263A1V**

Human **DPS1 (PDSS1) (NM_014317) AAV Particle**

Product data:

Product Type: AAV Particles
Product Name: Human DPS1 (PDSS1) (NM_014317) AAV Particle
Tag: Myc-DDK
Symbol: DPS1
Synonyms: COQ1; COQ1A; COQ10D2; DPS; hDPS1; SPS; TPRT; TPT; TPT 1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC212263 representing NM_014317
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCTCGCGCTGGTGGCGGTGGCGGCGCGGCTGCTCCTGGAAGCCGGCGGCGGAGCCCCGGGCCCC
 GCTCCCCGGCGGTGCGGGACCGTTGGGGCCGAGCGCCGCTGCCGAAGTCCGCGCGCAGGTTTCATAGGCG
 GAAGGGACTTGACTTGTCTCAGATACCCTATATTAATCTTGTGAAGCATTTAACATCTGCCTGTCCAAAT
 GTATGTCGTATATCACGGTTTCATCACACAACCCAGACAGTAAACACACAGTGGTGAATAACACCCG
 ATCCTTTCAAACCTCGGTTGGAGAGACTTGAAGGCTGTATGAGGACATTAGAAAGGAAGTCTTATATC
 AACATCAGAAGTAAAGAAATGTCTGAGTACTACTTTGATGGGAAAGGAAAGCCTTTTCGACCAATTATT
 GTGGCGCTAATGGCCCGAGCATGCAATATTCATCATAACAACCTCCCGACATGTGCAAGCCAGCCAGCGCG
 CCATAGCCTTAATTGCAGAAATGATCCACACTGCTAGTCTGGTTCACGATGACGTTATTGACGATGCAAG
 TTCTCGAAGAGGAAAACACACAGTTAATAAGATCTGGGGTGAAGAAGGCTGTTCTTGCTGGAGATTTA
 ATTCTTCTGCAGCATCTATAGCTCTGGCAGCAATTGGAATAACAAGTGTATATCTATTTAAACCAAG
 TTATTGAAGATTTGGTGCCTGGTGAATTTCTTCAGCTCGGGTCAAAGAAAATGAGAATGAAAGATTTGC
 AACTACCTTGAGAAGACATTCAAGAAGACCGCCAGCCTGATAGCCAACAGTTGTAAGCAGTCTCTGTT
 CTAGGATGTCGCCAGCCAGTGGTGCATGAGATCGCCTATCAGTACGGAATAATGTAGGAATAGCTTTTC
 AGCTAATAGATGATGATTGGACTTCACCTCGTGTTCGACCAGATGGGCAAACCAACATCAGCTGATCT
 GAAGCTCGGGTTAGCCACTGGTCTGTCTGCTGTTGCTGTGAGGATTCAGGAAATGAATGCTATGATC
 ATGCGCAGGTTGAGTTTGCCTGGAGATGTAGACAGAGCTCGACAGTATGACTACAGAGTGTGGTGTGC
 AACAAACAACCTACCTCGCCAGCAGTACTGCCATGAAGCAATAAGAGAGATCAGTAACTTCGACCATC
 CCCAGAAAGAGATGCCCTCATTGAGCTTTCAGAAATTGTAAGTACTCACAAGAGATAAA

ACGCGTACGCGGCGCTCGAGCAGAAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC212263 representing NM_014317 Red=Cloning site Green=Tags(s)</p> <p>MASRWWRRGCSWKPAARSPGPGSPGRAGPLGPSAAAEVRAQVHRRKGLDLSQIPYINLVKHLTSACPN VCRISRFHHTTPDSKTHSGEKYDPPFKLGWRDLKGLYEDIRKELLISTSELKEMSEYYFDGKGKAFRPII VALMARACNIHHNNSRHVQASQRAIALIAEMIHTASLVHDDVIDDASSRRGKHTVNKIWGEKKAVLAGDL ILSAASIALARIGNTTVISILTQVIEDLVRGEFLQLGSKENENERFAHYLEKTFKKTASLIANSCKAVSV LGCPDPVVHEIAYQYGKNVGI AFQLIDDLDF TSCSDQMKGKPTSADLKLGLATGPVLFACQQFPENAMI MRRFSLPGDVDRARQYVLQSDGVQQT TYLAQQYCHEAIREISKLRSPERDALIQLSEIVLTRDK</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014317
ORF Size:	1245 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_014317.3
RefSeq Size:	1679 bp
RefSeq ORF:	1248 bp
Locus ID:	23590
UniProt ID:	Q5T2R2
Cytogenetics:	10p12.1
MW:	46.1 kDa