

Product datasheet for **RC200996A1V**

Human PTDSS2 (NM_030783) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PTDSS2 (NM_030783) AAV Particle
Tag:	Myc-DDK
Symbol:	PTDSS2
Synonyms:	PSS2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200996 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGCGGAGGGGCGAGCGCAGGGACGCCGGAGGTCGCGGCCCGAGTCCCCGGTGCCCGGGCAGGGCCT
CGCTGGAGGAGCCGCTGACGGGCCGTCTGCCGCCAAGCCACCGGGCCGGCGAGGGCCGCCGACGAC
CGAGTCCGAGGTCTACGACGACGGCACCAACACCTTCTTCTGGCGAGCCACACCTTAACCGTGCTCTTC
ATCCTCACCTGTACGCTTGCTATGTGACGCTGCTGGAGGAAACACCTCAGGACACGGCCTACAACACCA
AGAGAGGTATTGTGGCAGTATTTTGGTTTCTTATGTTTGGAGTCACACAAGCTAAAGACGGGCCATT
TTCCAGACCTCATCCAGCTTACTGGAGTTTGGCTCTGCGTGAGTGTTGCTACGAGCTGTTTCTCATC
TTTATACTCTCCAGACTGTCCAGGACGGCCGGCAGTTTCTAAAGTATGTTGACCCCAAGCTGGGAGTCC
CACTGCCAGAGAGACTACGGGGAACTGCCTCATCTACGACCCAGACAATGAGACTGACCCCTTCA
CAACATCTGGGACAAGTTGGATGGCTTTGTTCCGCGCACTTTCTTGGCTGGTACCTGAAGACCCTGATG
ATCCGAGACTGGTGGATGTGCATGATCATCAGCGTGATGTTTCGAGTTCCTGGAGTACAGCTGGAGCACC
AGCTGCCCAACTTCAGCGAGTGCTGGTGGGATCACTGGATCATGGACGTGCTCGTCTGCAACGGGCTGGG
CATCTACTGCGGCATGAAGACCCTTGAGTGGCTGTCCCTGAAGACGTACAAGTGGCAGGGCCTCTGGAAC
ATTCCGACCTACAAGGGCAAGATGAAGAGGATCGCCTTCCAGTTCACGCCGTACAGCTGGGTTTCGCTTCG
AGTGGAAGCCGGCCTCCAGCCTGCGTCGCTGGCTGGCCGTGTGCGGCATCATCCTGGTGTTCCTGTTGGC
AGAAGTGAACAGTTCTACCTGAAGTTTGTGCTGTGGATGCCCCGGAGCACTACCTGGTCTCTGCGG
CTCGTCTTCTTCTGTAACGTGGTGGCTGGCCATGCGTGAGATCTACGACTTCATGGATGACCCGAAGC
CCCACAAGAAGCTGGGCCCGCAGGCCTGGCTGGTGGCGGCCATCACGGCCACGGAGCTGCTCATCGTGGT
GAAGTACGACCCCAACAGCTCACCTGTCCCTGCCCTTCTACATCTCCAGTGCTGGACCCTCGGCTCC
GTCCTGGCGCTCACCTGGACCGTCTGGCGCTTCTTCTGCGGGACATCACATTGAGGTACAAGGAGACCC
GGTGGCAGAAGTGGCAGAACAAGGATGACCAGGGCAGCACCCTCGGCAACGGGGACCAGCACCCTGGG
GCTGGACGAAGACCTGCTGGGGCTGGGGTGGCCGAGGGCGAGGGAGACCAACTCCAAAC

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200996 protein sequence

Red=Cloning site Green=Tags(s)

 MRRGERRDAGGPRPESPVPAGRASLEPPDGPSAGQATGPGEGRSTSEVYDDGTNTFFWRAHTLTVLF
ILTCTLGYVTLLEETPQDTAYNTRGIVASILVFLCFGVTQAKDGPFSRPHPAYWRFWLCVSVVYELFLI
FILFQTVQDGRQFLKYVDPKLGVP LPERDYGGNCLIYDPNETDPFHNIWDKLDGFVPAHFLGWYKLTLM
IRDWWMCMIISVMFEFLEYSLEHQLPNFSECWWDHWIMDVLVCNGLGIYCGMKLEWLSLKTYKWQGLWN
IPTYKGMKRIAFQFTPYSWVRFEWKPASSLRRLAVCGIILVFLLAELNTFYLFVWMPPEHYLVLLR
LVFFVNVGGVAMREIYDFMDDPKPHKKLGPQAWLVAAITATELLIVVKYDPHTLTLSLPFYISQCWTLGS
VLALTWTVWRFRLDITLRYKETRWQKWQNKDDQGSTVNGDQHPLGLDELLGPGVAEGEGAPTPN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_030783

ORF Size:

1461 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:	<u>NM_030783.1</u>
RefSeq Size:	2473 bp
RefSeq ORF:	1464 bp
Locus ID:	81490
UniProt ID:	<u>Q9BVG9</u>
Cytogenetics:	11p15.5
MW:	56.3 kDa