

Product datasheet for **RC223889A1V**

Human PADI2 (NM_007365) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PADI2 (NM_007365) AAV Particle
Tag:	Myc-DDK
Symbol:	PADI2
Synonyms:	PAD-H19; PAD2; PDI2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223889 representing NM_007365
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCC

ATGCTGCGCGAGCGGACCGTGCGGCTGCAGTACGGGAGCCGCTGGAGGCGGTGTACGTGCTGGGCACCT
 ACCTCTGGACCGATGTCTACAGCGCGGCCAGCCGGGGCCAAACCTTCAGCCTGAAGCACTCGGAACA
 CGTGTGGGTGGAGGTGGTGCCTGATGGGAGGCTGAGGAGGTGGCCACCAATGGCAAGCAGCGCTGGCTT
 CTCTCGCCAGCACCACCCTGCGGGTCAACATGAGCCAGGCGAGCACCAGGCCAGCAGTGACAAGGTCA
 CCGTCAACTACTATGACGAGGAAGGAGCATTCCCATCGACCAGGCGGGCTCTTCTCAGCCATTGA
 GATCTCCCTGGATGTGGACGAGACCGGGATGGTGTGGTGGAGAAGAACAACCAAGAAGGCATCTGG
 ACCTGGGGCCCGAGGGCCAGGGGGCCATCCTGCTGGTGAAGTGTGACCGAGAGACACCTGGTTGCCCA
 AGGAGGACTGCCGTGATGAGAAGGTCTACAGCAAGGAAGATCTCAAGGACATGTCCAGATGATCCTGCG
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 GATGAAATTGAGTTTGGCTACATCGAGGCCCCCATAAAGGCTTCCCGTGGTGGTGGACTCTCCCGAG
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 TGTTCAAAGGCTTGGTGGGATGAGCAGCAAGCGAATCACCATCAACAAGATTCTGTCCAACGAGAGCCT
 TGTGCAGGAGAACCTGTACTTCCAGCGCTGCCTAGACTGGAACCGTGACATCCTAAGAAGGAGCTGGGA
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 TCTTCCCAACATGGTGAACATGATCGTGTGACAAGGACCTGGGCATCCCAAGCCATTTCGGGCCACA
 GGTTGAGGAGGAATGCTGCCTGGAGATGCACGTGCGTGGCCTCCTGGAGCCCCTGGGCTCGAATGCACC
 TTCATCGACGACATTTCTGCCTACCACAAATTTCTGGGGGAAGTCCACTGTGGCACCAACGTCCGAGGA
 AGCCCTTCACCTTCAAGTGGTGGCAGATGGTGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223889 representing NM_007365 Red=Cloning site Green=Tags(s) MLRERTVRLQYGSRVEAVYVLGTYLWTDVYSAAPAGAQTFLSKHSEHVWVEVVRDGEAEVATNGKQRWL LSPSTTLRVTMSQASTEASSDKVTVNYDEEGSIPIDQAGLFLTAIEISLDVDADRDRGVVEKNNPKKASW TWGPEGQGAILLVNCDRETPWLPKEDCRDEKVYSKEDLKDMSQMILRTKGPDRLPAGYEIVLYISMSDSD KVGVFYVENPFFGQRYIHILGRRKLYHVVKYTGGSALLFFVEGLCFPDEGFSGLVSIHVSLLLEYMAQDI PLTPIFTDTVIFRIAPWIMTPNILLPPVSFVCCMKDNYLFLKEVKNLVEKTNCELKVCFYLNRGDRWIQ DEIEFGYIEAPHKGFPPVLDSPRDGNLKDFFPVKELLGPDFGYVTREPLFESVTSLSDFGNLEVSPPVTVN GKTYPLGRILIGSSFPLSGRRMTKVVRDFLKAQVQAPVELYSDWLTVGHVDEFMSFVPIPGTKKFLLL MASTSACYKLFREKQKDGHGAEIMFKLGGMSSKRITINKILSNESLVQENLYFQRCLDWNDRDILKKELG LTEQDIIDLPAFLKMDDEHRAFFPNMVMNIVLDKDLGIPKPFQVVEECCEMHVRGLLEPLGLECT FIDDISAYHKFLGEVHCGTNVRRKPFTFKWWHMVP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007365
ORF Size:	1995 bp
Buffer:	PBS with 0.001% Pluronic F8731
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_007365.1
RefSeq Size:	2348 bp
RefSeq ORF:	1998 bp
Locus ID:	11240
UniProt ID:	Q9Y2J8
Cytogenetics:	1p36.13
MW:	75.4 kDa