

Product datasheet for **RC225868A1V**

Human PAX7 (NM_001135254) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PAX7
Synonyms:	HUPI; MYOSCO; PAX7B; RMS2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225868 representing NM_001135254
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGCGCCCTTCCCGGACCGGTACCGAGAATGATCGCGCGGCTCCGGGGAGAAGTACCCCCGACGCG
GATTCCTCTTGAAGTGTCACCCCGCTTGGCCAAGGCCGGGTCAATCAGCTGGGAGGGGTCTTCATCAA
TGGCGACCCCTGCCTAACCATCCGCCACAAGATAGTGGAGATGGCCACCATGGCATCCGGCCCTGT
GTCACTCTCCGACAGCTGCGTGTCTCCACGGCTGCGTCTCCAAGATTCTTGCCCGTACCAGGAGACCG
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GATTGAGGAGTACAAGAGGGAAAAACCCAGGCATGTTCACTGGGAGATCCGGGACAGGCTGCTGAAGGAT
GAGGTGAGTGACCGAAGCATGTGCCCTCAGGTTAGTGAGTTCGATTAGCCGGTGCTCAGCAACAGT
TCGGGAAGAAAGAGGAGGAGTGAAGCGGACAAGAAGGAGGACGACGCGCAAAAAGAACGCAAAACAG
CATCGACGGCATCTCTGGCGCAAAAGGGAACCGGCTGGACGAGGGCTCGGATGTGGAGTCGGAACCTGAC
CTCCCACTGAAGCGCAAGCAGCGACGCAGTCGGACCACATTACGGCCGAGCAGCTGGAGGAGCTGGAGA
AGGCTTTGAGAGGACCCACTACCCAGACATATACACCCGCGAGGAGCTGGCGCAGAGGACCAAGCTGAC
AGAGGCGCGTGTGACAGGTCTGTTTCAGTAACCGCGCGCGCCGTTGGCGTAAGCAGGCAGGAGCCAACCG
CTGGCGCGGTTCAACCACTTCTGCGAGGAGGACTTCCCAACCCACGGCATGCCACGCTGCCCCCTACC
AGCTCGCGGAGTCCACCTACCCACACCAAGCTCTCCCAAGATGGGGGACAGCTGTGACCGGCCCTAC
GCCCTGCCACCGTCCACCATGCACAGGCGGGCTGCTGCAGCGGCTGCAGCGCGCGCACACAGCTCT
GCCTACGGAGCCCGCCACAGTCTCTCAGCTACTCTGACAGCTTCATGAATCCGGCGGCGCCCTCCAACC
ACATGAACCCGGTCAGCAACGGCTGTCTCTCAGGTGATGAGCATCTTGGGAACCCCACTGCGGTGCC
CCCGCAGCCACAGGCTGACTTCTCCATCTCCCGCTGCATGGCGGCTGGACTCGGCCACCTCCATCTCA
GCCAGCTGCAGCCAGCGGGCCGACTCCATCAAGCCAGGAGACAGCTGCCCACTCCAGGCCTACTGCC
CACCACCTTACAGCACCCACCGCTACAGCGTGGACCCCGTGCCCGGCTATCAGTACGGCCAGTACGGCCA
GACTGCTGTGATTCTTGCCCAAAAGTGTAGCCTCTCCCAACGCGTCGCATGAAGCTCGGGGAGCAC
TCTGCTGTGCTGGGACTCTGCCTGTGGAACATGGCCAGGCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225868 representing NM_001135254
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MAALPGTVPRMMPAPGQNYPRTGFPLEVSTPLGQGRVNLGGVFINGRPLPNHIRHKVIMAHHGIRPC
VISRQLRVSHGCVSKILCRYQETGSIRPGAIGGSKPRQVATPDVEKKIEEYKRENPGMFSWEIRDRLKLD
GHCDRSTVPSGLVSSISRVLRIKFGKKEEDEADKKEDDGEKKAKHSIDGILGDKGNRLDEGSDVESEPD
LPLKRKQRRSRTTFTAQLEELEKAFERTHYPDITYREELAQRTKLTEARVQVWFSNRRARWRKQAGANQ
LAAFNHLLPGGFPPTGMPTLPPYQLPDSTYPTTTISQDGGSTVHRPQPLPPSTMHQGGLAAAAAADTSS
AYGARHSFSSYKDSFNMNPAAPSNHNMNPSNGLSPQVMSILGNPSAVPPQPQADFISISPLHGGLDSATIS
ASCSQRADSIKPDGSLPTSQAYCPPTYSTTGYSDVPVAGYQYGQYQGTAVDYDLAKNVSLSTQRRMKLGEH
SAVLGLPLVETGSL

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001135254

ORF Size: 1515 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_001135254.1
RefSeq ORF:	1518 bp
Locus ID:	5081
UniProt ID:	P23759
Cytogenetics:	1p36.13
MW:	54.9 kDa