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Product datasheet for RC203117A1V

Human Nuclear Matrix Protein p84 (THOC1) (NM_005131) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nuclear Matrix Protein p84 (THOC1) (NM_005131) AAV Particle
Tag:	Myc-DDK
Symbol:	THOC1
Synonyms:	HPR1; P84; P84N5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC203117 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTCCGACGCCGCCGCTCTTCAGTTTGCCCGAAGCGCGGACGCGGTTTACGAAGTCTACCAGAGAGG
CCTTGAACAACAAAAACATCAAGCCATTGTTAAGTACCTTCAGCCAGGTACCTGGCAGTGAAAATGAAAA
AAAATGTACCCTTGACCAAGCTTTCAGAGGTATTCTAGAAGAAGAAATTATAAATCATTCATCATGTGAA
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TTGTATTGTTGGGAGATGTTTTGGATTGTCTTCCTTTGGATCAGTGTGACACAATATTCACTTTTGTGGA
AAAAAATGTTGCTACTTGGAAATCAAATACATTCTATTCTGCTGGGAAAAATTACTTACTACGTATGTGC
AATGATCTCCTAAGAAGATTGTCTAAATCCCAGAATACAGTCTTCTGTGGACGGATTCAGCTCTTTTTGG
CCAGGCTTTTCCCTCTGTCTGAGAAATCAGGTCTTAACTTGCAGAGTCAGTTTAATCTGGAAAATGTCAC
TGTTTTCAATACAAATGAGCAGGAAAGCACCCTGGGTCAGAAGCACACTGAAGATAGAGAAGAAGGAATG
GATGTAGAAGAAGGCGAAATGGGAGATGAGGAAGCTCCAACAACGTGCTCTATTCCAATTGATTACAACC
TGTATCGAAAATTCTGGTCACTTCAGGATTACTTCAGGAACCCTGTGCAATGCTATGAGAAGATTTCATG
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GCCTCAAGAAAAAAGATGGAAGAATTGAAAACAGGAGGAGAACATGTATATTTTGCAAAATTTTTAACAA
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TTTCAAAGATGGTAGAGCATATATTAAACACTGAAGAAAACTGGAACTCGTGGAAAAATGAAGGTTGCCC
AAGTTTTGTGAAAGAAAGAACATCAGATACCAAACCTACGAGAATAATTCGGAAGAGAACAGCACCCGAG
GACTTCCTAGGGAAAGGACCCACCAAAAAAATTCTGATGGGAAATGAGGAGTTAACAAGGCTTTGGAATC
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AGTTTAAAAGTTTACCAGAATATCTTGAAAATATGGTAATAAAGCTAGCCAAGGAATTACCGCCTCCTTC
TGAAGAAATAAAAACAGGTGAGGATGAAGATGAGGAAGATAATGATGCTCTACTGAAGGAAAATGAAAGT
CCTGATGTTCGGCGAGACAAACCTGTAACAGGAGAACAAATAGAGGTATTTGCCAACAAGCTGGGTGAAC
AATGGAAGATTCTGGCTCCCTACTTGGAAATGAAAGACTCAGAAATTAGGCAGATTGAGTGTGACAGTGA
AGACATGAAGATGAGAGCTAAGCAGCTCCTGGTTGCCTGGCAAGATCAAGAGGGAGTTCATGCAACACCT
GAGAATCTGATTAATGCACTGAATAAGTCTGGATTAAGTGACCTTGCAGAAAGTCTAACTAATGACAATG
AGACAAATAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203117 protein sequence
Red=Cloning site Green=Tags(s)

MSPTPPLFSLPEARTRFTKSTREALNNKNIKPLLSTFSQVPGSENEKKCTLDQAFRGILEEEIINHSSCE
NVLAIISLAIGGVTEGICTASTPFVLLGDVLDCLPLDQCDTIFTFVEKNVATWKSNTFYSAGKNYLLRMC
NDLLRRLSKSQNTVFCGRIQLFLARLFPLSEKSGLNLQSQFNLENVTVFNTNEQESTLGQKHTEDREEGM
DVEEGEMGDEEAPTTCSIPIDYNLYRKFWSLQDYFRNPVQCYEKISWKTFLKYSEEVLAVFKSYKLDDTQ
ASRKKMEELKTGGEHVYFAKFLTSEKLMDLQLSDSNFRRHILLQYLILFQYLKGQVKFKSSNYVLTDEQS
LWIEDTTKSVYQLLSENPPDGERFSKMVEHILNTEENWNSWKNEGCPSFVKERTSDTKPTRIIRKRTAPE
DFLGKGPTKKILMGNEELTRLWNLCPDNMEACKSETREHMPTLEEFFEEAIEQADPENMVENEYKAVNNS
NYGWRALRLLARRSPHFFQPTNQQFKSLPEYLENMVIKLAKELPPPSEEIKTGEDEDEEDNDALLKENES
PDVRRDKPVTGEQIEVFANKLGEQWKILAPYLEMKDSEIRQIECDSEDMKMRAKQLLVAWQDQEGVHATP
ENLINALNKSGLSDLAESLTNDNETNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_005131

ORF Size: 1971 bp

Buffer: PBS with 0.001% Pluronic F5400

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_005131.1

RefSeq Size: 2133 bp

RefSeq ORF: 1974 bp

Locus ID: 9984

UniProt ID: Q96FV9

Cytogenetics: 18p11.32

MW: 75.7 kDa