

Product datasheet for **RC216724A1V**

Human HIF1 beta (ARNT) (NM_001668) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HIF1 beta (ARNT) (NM_001668) AAV Particle
Tag:	Myc-DDK
Symbol:	ARNT
Synonyms:	bHLHe2; HIF-1-beta; HIF-1beta; HIF1-beta; HIF1B; HIF1BETA; TANGO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216724 representing NM_001668
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGACTACTGCCAACCCGAAATGACATCAGATGTACCATCACTGGGTCCAGCCATTGCCTCTG
 GAAACTCTGGACCTGGAATTCAGGTGGAGGAGCCATTGTCCAGAGGGCTATTAAGCGGCGACCAGGGCT
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 AAGGAGCGTTTGCCAGGTGGATGATGAGCAGAGCTCTGCGGATAAAGAGAGACTTGCCAGGGAAAAATC
 ACAGTGAATTAACGGCGGCGACGGAACAAGATGACAGCCTACATCACAGAAGTGTGAGATATGGTACC
 CACCTGTAGTGCCTGGCTCGAAAACCAGACAAGCTAACCATCTTACGCATGGCAGTTTCTCACATGAAG
 TCCTTGCGGGGAAGTGGCAACACATCCACTGATGGCTCCTATAAGCCGCTTTTCTCACTGATCAGGAAC
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 TGTACAGACATGAGTAATGTTTGTCAACCAACAGAGTTCATCTCCCGACACAACATTGAGGGTATCTTCA
 CTTTTTGGATCACCGCTGTGTGGCTACTGTTGGCTACCAGCCACAGGAAGTCTTAGGAAAGAATATTGT
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 TAGCCAAGAACCACGGCTACACTCTCCAACACAATCCAGAGGCCACAAGTCCCACAGCTAATTTA
 CCCCTGGAGATGGGCTCAGGACAGCTGGCACCCAGGCAGCAGCAACAGCAACAGAATTGGACATGGTAC
 CAGGAAGAGATGGACTGGCCAGCTACAATCATTCCCAGGTGGTTCAGCCTGTGACAACCACAGGACCAGA
 ACACAGCAAGCCCCTTGAGAAGTCAGATGGTTTATTTGCCAGGATAGAGATCCAAGATTTTCAGAAATC
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 TCTCCCAGGGCAACACATTCCCTCTACCCCCCGCGCGCAGAGAATTTAGGAATAGTGGCTAGCCCC
 TCCTGTAACCATTTGTCCAGCCATCAGCTTCTGCAGGACAGATGTTGGCCAGATTTCCCGCCACTCCAAC
 CCCACCAAGGAGCAACCCCACTTGGACCCCTACTACCCGCTCAGGCTTTTCTGCCAGCAGGTGGCTA
 CCCAGGCTACTGCTAAGACTCGTACTTCCCAGTTTGGTGTGGGCAGCTTTCAGACTCCATCCTCCTTCAG
 CTCCATGTCCCTCCCTGGTGCCCAACTGCATCGCCTGGTGTGCTGCTACCCTAGTCTACCAATCGT
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 GTGCTGTGGCCACAGTGGCAGGGCCAGCAGCCTCATCATGTTCAAGTTCTAGTGAGCAACATGTTCAACA
 ACCGCCAGCACAGCAACCTGGCCAGCCTGAGGTCTTCCAGGAGATGCTGTCCATGCTGGGAGATCAGAGC
 AACAGCTACAACAATGAAGAATCCCTGATCTAACTATGTTTCCCCCTTTTCAGAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216724 representing NM_001668 Red=Cloning site Green=Tags(s) MAATTANPEMTSDVPSLGPAIASGNSGPGIQGGGAIVQRAIKRRPGLDFDDDGEGNSKFLRCDDDDQMSND KERFARSDDEQSSADKERLARENHSEIERRRRNKMTAYITELSDMVPTCSALARKPKLTILMAVSHMK SLRGTGNTSTDGSYKPSFLTDQELKHLILEAADGFLFIVSCETGRVVYVSDSVTPVLNQPQSEWFGSTLY DQVHPDDVDKLRQLSTSENALTGRILDLTGTVKKEGQQSSMRMCMGSRRSFICRMRCGSSSDVPVSVN RLSFVRNRCRNLGSKVDGEPHFVVVHCTGYIKAWPPAGVSLPDDDPEAGQGSKFCLVAIGRLQVTSSPN CTDMSNVCQPTFISRHNIEGIFTFVDHRCVATVGYPQQLLGKNIVEFCHPEDQQLLRDSFQQVVKLKG QVLSVMFRFRSKNQEWLWMRTSSFTFQNPYSDEIEYIICTNTNVKNSSQEPRPTLSNTIQRPLGPTANL PLEMGSGQLAPRQQQQTELDMPGRDGLASYNHSQVVPVTTTGPEHSKPLEKSDGLFAQDRDPRFSEI YHNINADQSKGSSSTVPATQQLFSQGNTPPTPRPAENFRNSGLAPPVTIVQPSASAGQMLAQISRHSN PTQGATPTWPTTRSGFSAQQVATQATAKTRTSQFGVGSFQTPSSFSSMSLPGAPTASPGAAAYPSLTNR GSNFAPETGQTAGQFQTRTAEGVGWVWQWQGPQPHRRSSSEQHVQPPAQPGQPEVFQEMLSMLGDQS NSYNNEEFDDLTMFPFSE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001668
ORF Size:	2367 bp
Buffer:	PBS with 0.001% Pluronic F7585
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_001668.2
RefSeq Size:	4846 bp
RefSeq ORF:	2370 bp
Locus ID:	405
UniProt ID:	P27540
Cytogenetics:	1q21.3
MW:	86.5 kDa