

Product datasheet for **RC222665A1V**

Human HIF3 alpha (HIF3A) (NM_152794) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HIF3 alpha (HIF3A) (NM_152794) AAV Particle
Tag:	Myc-DDK
Symbol:	HIF3A
Synonyms:	bHLHe17; HIF-3A; HIF3-alpha-1; IPAS; MOP7; PASD7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222665 representing NM_152794
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGACTGGCAAGACCACAGGTCGACCACGGAGCTGCGCAAGGAAAAGTCCCGGGATGCGGCCCGCAGCC
 GGCGCAGCCAGGAGACCGAGGTGCTGTACACGCTGGCTCACACGCTGCCCTTCGCCCCGCGCGTCAGCGC
 CCACCTGGACAAGGCCTCTATCATGCGCCTCACCATCAGCTACCTGCGCATGCACCGCCTCTGCGCCGCA
 GGGGAGTGGAACCAAGTGGGAGCAGGGGAGAACCCTGGATGCCTGCTACCTGAAGGCCTGGAGGGCT
 TCGTCATGGTGTCTACCGCCGAGGGAGACATGGCTTACCTGTCGGAGAATGTCAGCAAACACCTGGGCCCT
 CAGTCAGCTGGAGCTATTGGACACAGCATCTTTGATTTATCCACCCCTGTGACCAAGAGGAGCTTCAG
 GAGCCCTGACCCCCAGCAGACCTGTCCAGGAGGAAGGTGGAGGCCCCACGGAGCGGTGCTTCTCCT
 TCGCATGAAGGTACACTCACCAGCCGCGGGCGCACCTCAACCTCAAGGCGGCCACCTGGAAGGTGCT
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 TCCTGGCCCGGAGTGGTGGCTACCTGTGGACCCAGACCCAGGCCACAGTGGTGTGAGGGGACGGGGCCC
 CCAGTCGGAGAGTATCGTCTGTGTCCATTTTTAATCAGCCAGGTGGAAGAGACCGGAGTGGTGTGTCC
 CTGGAGCAAACGAGCAACACTCTCGCAGACCCATTGAGCGGGCGCCCCCTCTCAGAAGGACACCCCTA
 ACCCTGGGGACAGCCTTGACACCCCTGGCCCCCGGATCCTTGCTTCTGACCCGCCTTCCCTGAGCGA
 GGCTGCCCTGGCCGCTGACCCCCGCGTTTCTGCAGCCCTGACCTCCGTGCGCTCCTGGGACCCATCCTG
 GATGGGGCTTCAGTAGCAGCCACTCCCAGCACCCCGCTGGCCACACGGCACCCCCAAAGTCTCTTTCGG
 CTGATCTCCCAGATGAATACCTGTGGGACCGAGAATGTGCACAGACTTTCACCTCCGGGAAAGACAC
 TGAGGCAGTGGAGACAGATTTAGATATAGCTCAGGATGCTGATGCTCTGGATTGGAGATGCTGGCCCCC
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 TGGGGGCTGTCCCCGGCCCCGTGCTCGGAGCTTCCATGGCCTGTACCTCCAGCCCTTGAGCCCTCCCT
 GCTACCCCGCTGGGGAGTGACCCCGGCTGAGCTGCTCCAGCCCTTCCAGAGGGGACCCCTCAGCATCC
 TCTCCATGGCTGGGGCTCGGAAGAGGACCTGGCCCAGAGCTCAGAGGACGAGGACGAGGGAGTGGAGC
 TGCTGGGAGTGAGACCTCCAAAAGGTCCCCAGCCCAGAACACGAAAACCTTTCTGCTCTTCTCTCAG
 CCTGAGTTTCTTCTGACAGGAGGACCAGCCCAGGGAGCCTGCAGGACCCAGCACCCCACTCTGAAC
 CTGAATGAGCCCTGGGCTGGGCCCTCACTGCTCTCTCCGTACTCAGACGAGGACACTACCCAGCCCG
 GGGGCCCTTCCAGCCAAGGGCAGGCTCAGCCAGGCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222665 representing NM_152794 Red=Cloning site Green=Tags(s) MDWQDHRSTTELKKEKSRDAARSRRSQETEVLYQLAHTLPFARGVSAHLDKASIMRLTISYLRMHRLCAA GEWNQVGAGGEPLDACYLKALEGFVMVLTAEGDMAYLSENVSKHLGLSQLELIGHISIFDFIHPCDQEELQ DALTPQQTLSRRKVEAPTERCFSLRMKSTLTSRGRTLNLKAATWKVLNCSGHMRAYKPPAQTSPAGSPDS EPPLQCLVLICEAIPHPGSLEPPLGRGAFLSRHSLDMKFITYCDDRIAIEVAGYSPDDLIGCSAYEYIHALD SDAVKSIHTLLSKGQAVTGQYRFLARSGGYLWTQTQATVVSGGRGPQSEIVCVHFLISQVEETGVVLS LEQTEQHSRRPIQRGAPSQKDTNPNGDSLDTGPRILAFLLHPPSLSEAALAADPRRFCSPDLRRLGPIIL DGASVAATPSTPLATRHPQSPLSADLPDELPGVTENVHRLFTSGKDTEAVETDLIDIAQDADALDLEMLAP YISMDDDFQLNASEQLPRAYHRPLGAVPRPRARSFHGLSPPALEPSLLPRWGSPPRLSCSSPSRGPDSAS SPMAGARKRTLQSSSEDEDEGVELLGVRPPKRSPSPEHENFLLFPLSLFLLTGGPAPGSLQDPSTPLLN LNEPLGLGPSLLSPYSEDETTQPGGPFQPRAGSAQAD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152794
ORF Size:	2001 bp
Buffer:	PBS with 0.001% Pluronic F8543
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_152794.1</u>
RefSeq Size:	2717 bp
RefSeq ORF:	2004 bp
Locus ID:	64344
UniProt ID:	<u>Q9Y2N7</u>
Cytogenetics:	19q13.32
MW:	72.2 kDa