

Product datasheet for **RC201755A1V**

Human CBS (NM_000071) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CBS (NM_000071) AAV Particle
Tag:	Myc-DDK
Symbol:	CBS
Synonyms:	CBSL; HIP4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201755 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGCCTTCTGAGACCCCCAGGCAGAAGTGGGGCCACAGGCTGCCCCACCGCTCAGGGCCACACTCGG
CGAAGGGGAGCCTGGAGAAGGGGTCCCCAGAGGATAAGGAAGCCAAGGAGCCCTGTGGATCCGGCCCGA
TGCTCCGAGCAGGTGCACCTGGCAGCTGGGCGGCCTGCCTCCGAGTCCCCACATCACCACACTCCCCG
GCAAAATCTCCAAAATCTTGCCAGATATTCTGAAGAAAATCGGGGACACCCCTATGGTCAGAATCAACA
AGATTGGGAAGAAGTTCGGCCTGAAGTGTGAGCTCTTGCCAAGTGTGAGTTCTCAACGCGGGCGGGAG
CGTGAAGGACCGCATCAGCCTGCGGATGATTGAGGATGCTGAGCGGACGGGACGCTGAAGCCCGGGGAC
ACGATTATCGAGCCGACATCCGGGAACACCGGGATCGGGCTGGCCCTGGCTGCGGCAGTGAGGGGCTATC
GCTGCATCATCTGATGCCAGAGAAGATGAGCTCCGAGAAGGTGGACGTGCTGCGGGCACTGGGGGCTGA
GATTGTGAGGACGCCACCAATGCCAGTTCGACTCCCGGAGTCACACGTGGGGGTGGCTGGCGGCTG
AAGAACGAAATCCCAATTCTCACATCCTAGACCAGTACCGCAACGCCAGCAACCCCTGGCTCACTACG
ACACCACCGCTGATGAGATCCTGCAGCAGTGTGATGGGAAGCTGGACATGCTGGTGGCTTCAGTGGGCAC
GGGCGGCACCATCACGGGCATTGCCAGGAAGCTGAAGGAGAAGTGTCTGGATGCAGGATCATTGGGGTG
GATCCCGAAGGGTCCATCCTCGCAGAGCCGGAGGAGCTGAACCAGACGGAGCAGACAACCTACGAGGTGG
AAGGGATCGGCTACGACTTCATCCCGCGTGTGGACAGGACGGTGGTGGACAAGTGGTTCAAGAGCAA
CGATGAGGAGGCGTTACCTTTGCCCGCATGCTGATCGCGCAAGAGGGGCTGCTGTGCGGTGGCAGTGT
GGCAGCACGGTGGCGTGGCCGTGAAGGCCGCGCAGGAGCTGCAGGAGGGCCAGCGCTGCGTGGTCATT
TGCCCGACTCAGTGCAGAACTACATGACCAAGTTCCTGAGCGACAGGTGGATGCTGCAGAAGGGCTTCT
GAAGGAGGAGGACCTCACGGAGAAGAAGCCCTGGTGGTGGCACCTCCGTGTTGAGGAGCTGGGCCTGTCA
GCCCCGCTGACCGTGTCCCGACCATCACCTGTGGGCACACCATCGAGATCCTCCGGGAGAAGGGCTTCG
ACCAGGCGCCCGTGGTGGATGAGGCGGGGGTAATCCTGGGAATGGTGACGCTTGGGAACATGCTCTCGTC
CCTGCTTGCCGGGAAGGTGCAGCCGTACAGCAAGTTGGCAAAGTCATCTACAAGCAGTTCAAACAGATC
CGCCTCACGGACACGCTGGGCAGGCTCTCGCACATCCTGGAGATGGACCACTTCGCCCTGGTGGTGCACG
AGCAGATCCAGTACCACAGCACCGGAAGTCCAGTCAGCGGCAGATGGTGTTCGGGGTGGTACCGCCAT
TGACTTGTGAACTTCGTGGCCGCCAGGAGCGGGACCAGAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201755 protein sequence

Red=Cloning site Green=Tags(s)

 MPSETPQAEVGPTGCPHRSGPHSAKGSLEKSPEDKEAKEPLWIRPDAPSRTWQLGRPASESPHHHTPP
AKSPKILPDILKIGDTPMVRINKIGKFKLCELLAKCEFFNAGGSVKDRISLRMIEDAERDGLKPGD
TIIPTSGNTGIGLALAAVRYRCIIIMPEKMSSEKVDVLRALGAEIVRTPTNARFDSPESHVGVAVRL
KNEIPNSHILDQYRNASNPLAHYDTTADEILQQCDGKLDMLVASVGTGGTITGIARKLKEKCPGCRIGV
DPEGSILAPEELNQTEQTTYEVEGIGYDFIPTVLDRTVVVKWFSNDEEAFTFARMLIAQEGLLCGGSA
GSTVAVAVKAAQELQEGQRCVVILPDSVRNYMTKFLSDRWMLQKGFLEEDLTEKKPWWHLRVQELGLS
APLTVLPTITCGHTIEILREKGFDPVVDVAGVILGMVTLGNMLSSLLAGKVQPSDQVGKVIYKQFKQI
RLTDTLGRLSHILEMDHFALVVHEQIQYHSTGKSSQRQMVFGVVTIDLLNFVAAQERDQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000071

ORF Size:	1653 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:	<u>NM_000071.1</u>
RefSeq Size:	2609 bp
RefSeq ORF:	1656 bp
Locus ID:	875
UniProt ID:	<u>P35520</u>
Cytogenetics:	21q22.3
MW:	60.6 kDa