

Product datasheet for **RC201288A1V**

Human UBA2 (NM_005499) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UBA2 (NM_005499) AAV Particle
Tag:	Myc-DDK
Symbol:	UBA2
Synonyms:	ARX; HRIHFB2115; SAE2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC201288 representing NM_005499
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCACTGTGCGGGGGCTGCCCCGGGAGCTGGCTGAGGCGGTGGCCGGGGGCCGGGTGCTGGTGGTGG
GGGCGGGCGGCATCGGCTGCGAGCTCCTCAAGAAATCTCGTGCTACCGGTTTCTCCACATCGACCTGAT
TGATCTGGATACTATTGATGTAAGCAACCTCAACAGACAGTTTTTGTTTCAAAAGAAACATGTTGGAAGA
TCAAAGGCACAGGTTGCCAAGGAAAGTGTACTGCAGTTTTACCGAAAGCTAATATCGTTGCCTACCATG
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TAACAGAGCTGCCGAAACCATGTTAATAGAATGTGCTGGCAGCTGATGTTCTCTTATTGAAAGTGGA
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CAACCAAAACCAAGAAAGAGCTTCTTGTCCTTGTCAGTGGATCCTCCCAACCCCAATTGTTATGTAT
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GCAGCCGGCTTCAAGCAGATGACTTCTCCAGGACTATACTTTATTGATCAACATCCTTCATAGTGAAGA
CCTAGGAAAGGACGTTGAATTTGAAGTTGTTGGTGATGCCCCGAAAAAGTGGGGCCCAACAAGCTGAA
GATGCTGCCAAAAGCATAACCAATGGCAGTGATGATGGAGCTCAGCCCTCCACCTCCACAGCTCAAGAGC
AAGATGACGTTCTCATAGTTGATTCCGATGAAGAAGATTCTTCAAATAATGCCGACGTCAGTGAAGAAGA
GAGAAGCCGCAAGAGGAAATTAGATGAGAAAGAGAATCTCAGTGCAAAGAGGTCACGTATAGAACAGAAG
GAAGAGCTTGATGATGTCATAGCATTAGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201288 representing NM_005499 Red=Cloning site Green=Tags(s) MALSRGLPRELAEAVAGGRVLVVGAGGIGCELLKNLVL TGF SHIDLIDLDITIDVSNLNRQFLFQKKHVGR SKAQVAKESVLQFYPKANIVAYHDSIMNPDYNVEFFRQFILVMNALDNRAARNHVNRMCLAADVPLIESG TAGYLGQVTTIKKGVTECYECHKPTQRTFPGCTIRNTPSEPIHCIVWAKYLFNQLFGEEDADQEVSPDR ADPEAAWEPTAEARARASNEDGDIKRISTKEWAKSTGYDPVKLFTKLFKDDIRYLLTMDKLWRKRKPPV PLDWAQVQSQGEETNASDQQNEPQLGLKDQQLDVKSARLFKSIETLRVHLAEKGDGAELIWDKDDPS AMDFVTSANLRMHIFSMNMKSRFDIKSMAGNIIPAIATTNAVIAGLIVLEGLKILSGKIDQCRTIFLNK QPNPRKLLVPCALDPPNPNCYVCASKPEVTVRLNVHKVTVLTLQDKIVKEKFAMVAPDVQIEDGKGITIL ISSEEGETEANNHKKLSEFGIRNGSRLQADDFLQDYTLINILHSEDLGKDVFEVVGDAPEKVGPKQAE DAAKSITNGSDDGAQPSTSTAQEQDDVLIVDSDEEDSSNADVSEEERSRKRKLDEKENLSAKRSRIEQK EELDDVIALD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005499
ORF Size:	1920 bp
Buffer:	PBS with 0.001% Pluronic F5179
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_005499.2</u>
RefSeq Size:	2682 bp
RefSeq ORF:	1923 bp
Locus ID:	10054
UniProt ID:	<u>Q9UBT2</u>
Cytogenetics:	19q13.11
MW:	71 kDa