

Product datasheet for **RC224034A1V**

Human UBXD5 (UBXN11) (NM_145345) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	UBXD5
Synonyms:	COA-1; PP2243; SOC; SOCI; UBXD5
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC224034 ORF sequence, codon optimized.
Due to the complexity of NM_145345, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

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

TTTTGTAACGACTCACTATAGGGCGGCCGGGAATTCGTGCTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCTCTCCCTTGCTTCACTGAGCAAAACTAGGAAAGTCCCTCGCCATCAGAGCCTATGAATCCGG
GAAGGAGAGGAATTTCGATTTACGGTGATGTACCCGCCTCCATGATTCTGAACATGGCCTTCATGAC
CAGAAAGCTTTGGGACCTGGAACAGCAGGTAAGGCTCAGACCGATGAGATCCTGTCCAAGACCAGAAG
ATTGCCGCCCTCGAGGACCTGGTTCAGACATTGCGGCCCAACCCAGCCGAAGCAACTTTGCAGAGACAAG
AGGAACTGGAACAATGTGCGTTCACTTCAGCGACAGGTCAAGGAAATGGAAGAATTCCTTTCTGACTA
TGGCCTCGAGTGGGTGGGAGAACCCATGGATCAGGAAGCAGCGAGTCTAAACTGTCTCAGAACAAGGA
GAAGAGACTGGATGACAGCTAAAAAGTCTCGAAACCCGAGACAGTCTGGCACCCCGGAGGTGGATT
TTGACCGCTCCTGGCTCACTGCAGGACCTCTCCGAGCTGGTGGTAGAGGGTGATACGCAAGTTACCCC
CGTGCCCGGTGGCGCAGGCTCCGGACTCTCGAACCAATCCCTCTCAAGTTGTACAGAAACGGGATCATG
ATGTTTGATGGAACCTTTCAGCCCTTTTATGACCAAGTACCCAGAGGTGCCTCCGAGATATACTGGACG
GATTTTTCTAGTGAGCTGCAGCGGCTTTACCCTAACGGGGTGCCGTTCAAGGTGTGAGATCTGCGGAA
CCAGGTGTACCTCGAAGATGGTCTTGACCTTTTCCGGGCGAGGCGCGTGGTAGGAAGGCAACTGATG
CACAAGGCTCTGGATCGAGTGAGGAGGACCTTCAGCCGCGATGACTGTAGAAGTTCCTGAATCGCT
TGCCCAAGTTTGTATCAGGCAAGGTGAGGTAATTGATATCCGGGGTCCAATTAGAGATACACTCGAGA
CTGCTGTCCACTGCCTGCCAGAATACAGGAAATCGTGGTGGAGACCAACTCTGGCAGCTGAGAGGGAG
CGAAGTCAGGAAAGTCTAACACCCCTGCCCTCCACTTAGCATGCTGCGGATCAAGTCCGAGAACGGTG
AACAGGCCTTCCTCTTGATGATGACGCCGACAACACTATAGGCGATGTAGGGGCACTCTGCGCCAGGC
TAGGGTCATGGATGCCTCAGCGTTTGAGATCTTCTCAACCTTCCCCCAACACTGTATCAGGACGACACT
CTGACTCTCAGGAGGCGCGGTTTGGTCCCTAAAGCTGCGCTGCTGCTCCGGGCAAGGCGGGCTCCCAAT
CGAGTCTCAAGTTCAGCCTGGACCTGTCTGTCTAGCCGCTGGACCATCTCTGGCCCGGACCTGG
GCCATCCCCAGGCGCGGGGCTGGGCCGACCTGTCTGCTGGGCGCTCTCAAGTCTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224034 representing NM_145345
Red=Cloning site Green=Tags(s)

MSSPLASLSKTRKVLPSEPMPNPGRRGIRIYGDVPASHDSELMAFMTRKLWLEQQVKAQTDEILSKDQK
IAALEDLVQTLRPHPAEATLRQEELETMCVQLQRQVREMERFLSDYGLQWVGPEMDQEDSESKTVSEHG
ERDWMATAKFKWPGDSLAPPEVDFDRLLASLQDLSSELVVEGDTQVTPVPGGARLRTLPLEIPLKLYRNGIM
MFDGPFQPFYDPSTQRCLRDILDGFFPSELQRLVPNGVPFKVSDLRNQVYLEDLDPFPGEGRVTVGRQLM
HKALRDEVEEHPGSRMTAEKFLNRLPKFVIRQGEVIDIRGPIDRTLQNCCLPARIQEIFVETPTLAAERE
RSQESPNTAPPLMLRLIKSENGEQLFLMMQPDNTIGDVRALLAQARVMDASAFEI1FSTFPTLYQDDT
LTLQAAGLVAPKAAALLRRARRAPKSKLFPSPGCPGPGSPGPGSPGPGSPGPGSPGPGSPGPGSPGSPQ

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_145345

ORF Size: 1461 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_145345.2, NP_663320.2</u>
RefSeq Size:	1864 bp
RefSeq ORF:	1464 bp
Locus ID:	91544
UniProt ID:	<u>Q5T124</u>
Cytogenetics:	1p36.11
MW:	54 kDa