

Product datasheet for **RC219336A1V**

Human IDUA (NM_000203) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IDUA (NM_000203) AAV Particle
Tag:	Myc-DDK
Symbol:	IDUA
Synonyms:	IDA; MPS1; MPSI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC219336 representing NM_000203
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGTCCCCTGCGCCCCGCGCCGCGTGTGGCGCTCCTGGCCTCGCTCCTGGCCGCGCCCCCGGTGG
CCCCGGCCGAGGCCCGCACCTGGTGATGTGGACGCGGCCCGCGCGCTGTGGCCCTGCGGCGCTTCTG
GAGGAGCACAGGCTTCTGCCCCCGCTGCCACACAGCCAGGCTGACCAGTACGTCTCAGCTGGGACCAG
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TGGAGCTTGTACCAACCAGGGGTCCACTGGACGGGCGCTGAGCTACAACCTTCAACCCACTGGACGGGTA
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ACTGACTTTGAGGACAAGCAGCAGGTGTTTGTAGTGGAAGGACTTGGTCTCCAGCCTGGCCAGGAGATACA
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GGTGCACGTGTGTGCGGCCCCGAGAAGCCGCGGCGGAGGTACGCGGCTCCGCGCCCTGCCCTGACC
CAAGGGCAGCTGGTTCTGGTCTGGTCTGATGAACACGTGGGCTCCAAGTGCCTGTGGACATACGAGATCC
AGTTCTCTCAGGACGGTAAGGCGTACACCCCGGTGAGCAGGAAGCCATCGACCTTCAACCTCTTTGTGT
CAGCCCAGACAGGTGCTGTCTCTGGCTCCTACCGAGTTCGAGCCCTGGACTACTGGGCCCCGACGAGG
CCCTTCTCGGACCCTGTGCCGTACCTGGAGGTCCCTGTGCCAAGAGGGCCCCATCCCCGGGCAATCCA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219336 representing NM_000203 Red=Cloning site Green=Tags(s) MRPLRPRAALLALLASLLAAPPVAPAEAPHLVHVDAARALWPLRRFWRSTGFCPPLPHSQADQYVLSWDQ QLNLAYVGAVPHRGIKQVRTHWLELVTTTRGSTGRGLSYNFTHLDGYLDLLRENQLLPGFELMGSASGHF TDFEDKQQVFWEKDLVSSLARRYIGRYGLAHVSKWNFETWNEPDHHDNDNVSMTMQGFLNYYDACSEGLR AASPALRLGGPGDSFHTPPRSPLSWGLLRHCHDGTNFFTGEAGVRLDYISLHRKGARSSISILEQEKVVA QQIRQLFPKFADTPIYNDEADPLVGWSLPQPWRADVTYAAMVVKVIAQHQNLLANTTSAPFYALLSNDN AFLSYHPPFAQRTLTAARFQVNNTRPPHVQLLRKPVLTAMGLLALLDEEQLWAEVVSQAGTVLDSNHTVG LASAHRPQGPADAWRAAVLIYASDDTRAHPNRSVAVTLRLRGVPPGPGLYVYTRYLDNGLCSPDGEWRRL GRPVPFTAQFRRMRAAEDPVAAAPRPLPAGGRLTLRPALRLPSLLLHVHVCARPEKPPGQVTRLRALPLT QGQLVLVWSDEHVGSKCLWYIEIQFSQDGKAYTPVSRKPSTFNLVFPDGTGAVSGSYRVRALDYWARPG PFSDPVPYLEVPVPRGPPSPGNP SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000203
ORF Size:	1959 bp
Buffer:	PBS with 0.001% Pluronic F7980
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_000203.2</u>
RefSeq Size:	2197 bp
RefSeq ORF:	1962 bp
Locus ID:	3425
UniProt ID:	<u>P35475</u>
Cytogenetics:	4p16.3
MW:	72.67 kDa