

Product datasheet for **RC214215A1V**

Human OPHN1 (NM_002547) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OPHN1 (NM_002547) AAV Particle
Tag:	Myc-DDK
Symbol:	OPHN1
Synonyms:	ARHGAP41; MRX60; OPN1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214215 representing NM_002547
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTCATCCCCGCTGGAGTTCAGCGACTGCTACCTGGACAGCCCCGATTTCGCGAGAGGCTCAAGT
 GTTATGAGCAGGAACCTGGAGAGGACCAACAAATTCATCAAAGACGTAATCAAAGACGGCAACGCGTTAT
 CAGCGCTATGAGAAATTATTCTTCTGCTGTTTCAGAAATTTCCAGACGCTGCAGTCATTTAGTTTGT
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 GCAAAGAGAATCTTATGACCCCTCCAACATGGGAGTAATCTTTGGGCCACCCTGATGAGAGCTCAGGA
 GGACACTGTGGCCGCATGATGAACATCAAATTCAGAACATAGTGGTGGAAATACTAATCGAGCACTTT
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 AAGGCAGACTTCTGGAGATGAAAGT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214215 representing NM_002547 Red=Cloning site Green=Tags(s) MGHPPLEFSDCYLDSPDFRERLKCQEELERTNKFIDKVIKDGNALISAMRNYSSAVQKFSQTLQSFQFD FIGDTLTDDEINIAESFKEFAELLNEVENERMMMVNASDLLIKPLENFRKEQIGFTKERKKKFEKDGER FYSLLDRHLHLSSKKKESQLQEADLQVDERHNFFESSLDYVYQIQEVQESKKFNIVEPVLAFHLHSLFIS NSLTVELTQDFLPYKQQLQLSLQNRNHFSSSTREEMEELKKRMKEAPQTCKLPGQPTIEGYLYTQEKWAL GISWVKYYCQYEKETKTLTMTPEQKPGAKQGPLDLTLKYCVRRKTESIDKRFCFDIETNERPGTITLQA LSEANRRLWMEAMDGKEPIYHSPITKQQEMELNEVGFKFVRKCINIIETKGIKTEGLYRTVGSNIQVQKL LNAFFDPKCPGDVDFHNSDWDIKTITSSLKFYLRNLSEPVMTYRLHKELVSAAKSDNLDYRLGAIHSLVY KLPEKNREMLELLIRHLVNVCEHSKENLMTPSNMGVIFGPTLMRAQEDTVAAMNLIKFNIVVEILIEHF GKIYLGPEESAAPPVPPPRVTARRHKPITISKRLLRERTVFYTSSLDESEDEIQHQTPTNGTITSSIEPP KPPQHPKLPPIQRSGETDPGRKSPSRPILDGKLEPCPEVDVGKLVSRLQDGGTKITPKATNGPMPGSGPTK TPSFHIKRPAPRPLAHHKEGDADSFKVRPPGEKPTIIRPPVRPPDPPCRAATPQKPEKPDIVAGNAGE ITSSVVASRTRFFETASRKTGSSQGRLPGDES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002547
ORF Size:	2406 bp
Buffer:	PBS with 0.001% Pluronic F7171
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:	NM_002547.1
RefSeq Size:	7350 bp
RefSeq ORF:	2409 bp
Locus ID:	4983
UniProt ID:	O60890
Cytogenetics:	Xq12
MW:	91.5 kDa