

Product datasheet for **RC202053**

APLP1 (NM_001024807) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	APLP1 (NM_001024807) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	APLP1
Synonyms:	APLP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC202053 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGCCCGCCAGCCCCGCTGCTCGCGGTCTAAGTCGCCGCCCGGGCCAGCCGCCGCTGCCGCTGCTGC
TGCCACTATTGCTGCTGCTTCTGCGCGCGCAGCCGCCATCGGGAGCCTGGCCGGTGGGAGCCCCGGCGC
GGCCGAGGCCCGGGGTGGGCCAGGTGGCTGGACTATGCGGGCCCTAACCCCTTACCCGGACCTGCGC
ACCCGGCCGCTGGGAACCAGACCCACAGCGCTCTCGACGCTGTCTCCGGGACCCGACGCGGTGCTGGAGT
ACTGCAGACAGATGTACCCGGAGCTGCAGATTGCACGTGTGGAGCAGGCTACGCAGGCCATCCCCATGGA
GCGCTGGTGGGGGGTCCCGGAGCGGCAGCTGCGCCACCCCCACCAGGTTGTGCCCTTCCGCTGC
CTGCTGGTGAATTTGTGAGTGAGGCCCTGCTGGTGCCTGAAGGCTGCCGGTTCTTGACCAGGAGCGCA
TGGACCAATGTGAGAGTCAACCCGGAGGCATCAGGAGGCACAGGAGGCTGCAGCTCCCAGGGCCCTCAT
CCTGCACGGCTCGGCATGCTTTACCCTGTGGCTCGGATCGGTTCCGTGGTGTGGAGTATGTGTGCTGT
CCCCCTCAGGGACCCCGACCCATCTGGGACAGCAGTTGGTGACCCCTCCACCCGGTCTGGCCCCCGG
GGAGCAGAGTAGAGGGGGCTGAGGACGAGGAAGAGGAGGAATCCTTCCCACAGCCAGTAGATGATTACTT
CGTGGAGCCTCCGAGGCTGAAGAGGAAGAGAAACGGTCCCACCCCAAGCTCCCATACACTTGCAGTG
GTCGGCAAAGTCACTCCCACCCCGAGGCCACAGACGGTGTGGATATTTACTTTGGCATGCCTGGGGAAA
TCAGTGAGCACGAGGGGTTCTGAGGGCAAGATGGACCTGGAGGAGCGTAGGATGCGCCAGATTAATGA
GGTGATGCGTGAATGGCCATGGCAGACAACAGTCCAAGAACCTGCCTAAAGCCGACAGACAGGCCCTG
AATGAGCACTCCAGTCCATTCTGCAGACTCTGGAGGAGCAGGTGTCTGGTGAGCGACAGCGCCTGGTGG
AAACCCACGCGCACCCGCGTCATCGCCCTTATCAACGACCAGCGCCGGGCTGCCTTGAGGGGCTTCCCTGGC
AGCCCTGCAGGCAGATCCGCCTCAGGCGGAGCGTGTCTGTTGGCCCTGCGGCGCTACCTGCGTGCAGGAG
CAGAAGGAACAGAGGCACACGCTGCGCCACTACCAGCATGTGGCCGCGTGGATCCCAGAGAGGCACAGC
AGATGCGCTTCCAGGTGCATACCCACCTTCAAGTGATTGAGGAGAGGGTGAATCAGAGCCTGGGCCTGCT
TGACCAGAACCCCACTGGCTCAGGAGCTGCGGCCCAATCCAGGAACTCCTCCACTCTGAACACCTG
GGTCCCAGTGAATTGGAAGCCCTGCCCTGGGGCAGCAGCGAGGACAAGGGTGGGCTGCAGCCTCCAG
ATTCCAAGGATGACACCCCATGACCCTTCCAAAAGGGTCCACAGAACAAGATGCTGCATCCCCTGAGAA
AGAGAAGATGAACCCGCTGGAACAGTATGAGCGAAAGGTGAATGCGTCTGTTCCAAGGGGTTTCCCTTTC
CACTCATCGGAGATTAGAGGGATGAGCTGGCACCAGCTGGGACAGGGGTGTCCCGTGGGCTGTGTCGG
GTCTGCTGATCATGGGAGCGGGCGGAGGCTCCCTCATCGTCTTCCATGCTGCTCCTGCGCAGGAAGAA
GCCCTACGGGGCTATCAGCCATGGCGTGGTGGAGGTGGACCCATGCTGACCCTGGAGGAGCAGCAGCTC
CGGAACTGCAGCGGCACGGCTATGAGAACCCCACTTACCCTTCTGGAGGAACGACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001024807.3](#)

RefSeq Size: 2450 bp

RefSeq ORF: 1956 bp

Locus ID: 333

UniProt ID: [P51693](#)

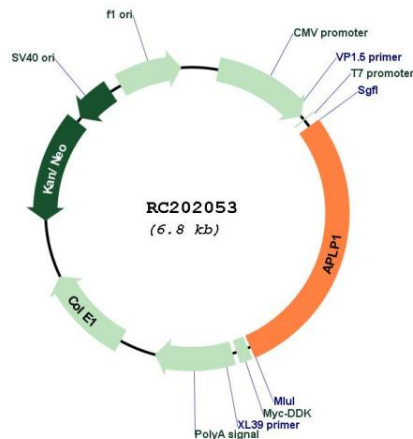
Cytogenetics: 19q13.12

Protein Families: Druggable Genome, Transmembrane

MW: 72.2 kDa

Gene Summary: This gene encodes a member of the highly conserved amyloid precursor protein gene family. The encoded protein is a membrane-associated glycoprotein that is cleaved by secretases in a manner similar to amyloid beta A4 precursor protein cleavage. This cleavage liberates an intracellular cytoplasmic fragment that may act as a transcriptional activator. The encoded protein may also play a role in synaptic maturation during cortical development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC202053