

Product datasheet for RN201910

Apod (NM_012777) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apod (NM_012777) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apod
Synonyms:	AOPDGN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201910 representing NM_012777 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGACCATGCTGTTGCTCCTGGCCACACTGGCAGGTCTCTTCACCACAACCGAAGGACAAAGCTTCC
ATCTTGGGAAATGCCCATCTCCTCCGGTGCAAGAGAATTCGATGTGAAAAAGTATCTTGGAAAGATGGTA
CGAAATCGAGAAGATCCCGGTGAGCTTTGAGAAAGGAACTGCATTCAAGCCAACACTCGCTGATGGAG
AACGGAACATCAAAGTGCTAAACAAGGAGCTGCGTCCTGACGGAACCTGAACCAAGTTGAGGGTGAAG
CCAAACAGAGCAACATGTCAGAGCCAGCCAAGCTGGAAGTCCAGTCTTCTCGTTGATGCCACCGGCACC
CTACTGGATCCTGGCCACGGATTACGAGAGCTATGCCCTCGTGTATTCCTGCACCACCTTCTTGTGTTCC
TTCCACGTGGACTATGTTTGGATCCTGGGAAGAAATCCTTACCTCCCTCCAGAAACAATAACCTACCTAA
AATATATCCTTACTTCTAATGACATCGACATCGCCAAAATAACAACAAAAGACCAAGCAAACCTGCCCGGA
CTTCTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012777
Insert Size:	570 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_012777.1</u> , <u>NP_036909.1</u>
RefSeq Size:	847 bp
RefSeq ORF:	570 bp
Locus ID:	25239
UniProt ID:	<u>P23593</u>
Cytogenetics:	11q22
Gene Summary:	may play a role in nerve repair in response to injury [RGD, Feb 2006]