

Product datasheet for **RN205164**

Apold1 (NM_001003403) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Apold1 (NM_001003403) Rat Untagged Clone
Tag: Tag Free
Symbol: Apold1
Synonyms: Verge
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205164 representing NM_001003403
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGAAGTGGACGGCCTGGGAGCCGAGGGCGCCGATGCGCTGCGGCGCTTTC AAGGGTTGCTGCTGG
ACCGCCGCGGCCGGCTGCACTGCCAAGTGTTCGCGCTGCGCGAAGTGCCCGGAGGCTCGAGCGTCTACG
GAGGCGCTCCTTGGCAGCCAACGTAGCTGGCAGCTCTCTGAGCGCTGCTGGCGCCCTAGCAGCCATCGTG
GGTTATCACTCAGCCCGGTACCCCTGGGAGCCTCGCTCGTGCGCTCCGCGTGGGCTTAGGGGTGGCCA
CCGCCGGAGGGGAGTCACCATCACGTCCGACCTCTCTCTGATCTTCTGCAATCCCGGGAGGTACGGAG
GGTGCAAGAGATCGCCGCCACCTGCCAGGACCAGATGCGCGAACTCCTGAGCTGCCTTGAGTTCTTCTGT
CAGTGGCAGGGGCGCGGGGACCGCCAGCTGCTGCAGAGCGGGAGGGACGCCTCCATGGCTCTTTACAAC
CTGTCTACTTCATCGTCTTCTTCGGCTCGCGTGGCTTCTCATCCCAGGCGTGGGAGGGGGCCACCAA
AGTCAGCCAGGCCGTGCTGAAGGCCAAGATTAGAAACTGTCTGAGAGCCTGGAGTCTGCACTGGTGCC
CTGGATGAACTTAGTGAGCAGCTGGAATCCCGGTCCAGCTCTGTACCAAGGCCGGCCGTGGTACAACC
TCAGGAACTCCCCTGATCTGGATGCAGCGTTGTTTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001003403
Insert Size: 741 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_001003403.1</u> , <u>NP_001003403.1</u>
RefSeq Size:	2918 bp
RefSeq ORF:	741 bp
Locus ID:	444983
UniProt ID:	<u>Q6B959</u>
Cytogenetics:	4q43
Gene Summary:	may regulate endothelial cell differentiation, activation, and signalling [RGD, Feb 2006]