

Product datasheet for RN202238

Apmmap (NM_001034003) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Apmmap (NM_001034003) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Apmmap
 Synonyms: Ab2-305; RGD1308874
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN202238 representing NM_001034003
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTCTTGATGCTGGCTGTGTCCTTGCCATTCCCTGCTGGAGCCATGATGCTGTTGGAGTCCC
 CCATAGATCCTCAGAGTTTCAGCTTCAAAGAACCCCTTTCATGTTTGGTGTCTGCAACCAAATACGAA
 GTTGCGACAAGCAGAAAGGCTATTTGAAAACCACTTAACGGACCAGAATCCATAGTAAATATTGGGGAT
 GTGCTGTTTACTGGCACAGCCGATGGCCGAGTTGTAAACTGGAGAATGGAGAAATAGAGACCATCGCCC
 GTTTTGGTTCGGGCCCTTGCAAACCCGAGATGATGAACCTACCTGTGGGAGACCCTGGGCATCCGGGT
 AGGACCCAACGGGACTCTTTTTGTGTTGATGCATACAAGGGACTGTTGGAAGTGAATCCTCAGAAACGT
 TCAGTGAAACTGCTGCTATCCTCTGAGACTCCCATTGAGGGCAAGAAAATGTCCTTTGTGAATGATCTCA
 CTATTACTCGGGATGGGAGAAAGATTTATTTACGGATTCTAGCAGCAAGTGGCAGAGACGAGACTACCT
 GCTTCTGGTGTGGAGGGCACTGATGATGGGCGCTTGTGGAGTATGATACCGTGACAAAAGAAGTGAAG
 GTTTTGTGGACCAAGTTCAGTTCCTAATGGAGTTCAGCTGTCTCCTGAGGAAGACTTTGCTGGTGG
 CAGAGACAGCTATGGCCAGGATACGAAGAGTCTATGTGTCTGGCCTGATGAAAGGAGGGCAGACATGTT
 TGTGGAGAACATGCCTGGATTTCCCTGACAATATCCGGCCAGCAGCTCTGGCGGGTACTGGGTTGCTGCT
 GCAACCATTCTGCTAACCTGGGTTTTCCATGTTGGATTTCTTATCTGACAAGCCTTTTATCAAGAGAA
 TGATTTTTAAGCTGTTCAAGTCAAGGAGACAGTGAAGTTGTACCACGATATAGCCTGGTCTGGAAAGT
 CAGTGACAGTGGTGCCTCCGGAGAAGCCTGCATGATCCTGATGGACAGGTGGTACCTATGTGAGTGA
 GCACATGAACACGATGGATACCTGTACCTGGGCTCCTTCAGATCTCCCTCATCTGCAGACTCAGCCTCC
 AGTCAATT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001034003
Insert Size:	1131 bp
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_001034003.1, NP_001029175.1</u>
RefSeq Size:	2099 bp
RefSeq ORF:	1131 bp
Locus ID:	366227
UniProt ID:	<u>Q7TP48</u>
Cytogenetics:	3q41
Gene Summary:	Exhibits strong arylesterase activity with beta-naphthyl acetate and phenyl acetate. May play a role in adipocyte differentiation (By similarity).[UniProtKB/Swiss-Prot Function]