

## Product datasheet for **SC107963**

### APMAP (NM\_020531) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	APMAP (NM_020531) Human Untagged Clone
Tag:	Tag Free
Symbol:	APMAP
Synonyms:	BSCv; C20orf3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020531, the custom clone sequence may differ by one or more nucleotides

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ATGAGCGAGGCGGACGGGCTGCGACAGCGCCGCCCTGCGGCCGAGGTCGTCACAGACGATGATGGCC
AGGCCCGGAGGCTAAGGACGGCAGCTCCTTTAGCGGCAGAGTTTTCCGAGTGACCTTCTTGATGCTGGC
TGTTTTCTCTCACC GTTCCCCTGCTTGGAGCCATGATGCTGCTGGAATCTCTATAGATCCACAGCCTCTC
AGCTTCAAAGAACCCCGCTCTTGCTTGGTGTCTGCATCCAAATACGAAGCTGCGACAGGCAGAAAGGC
TGTTTGAAAATCAACTTGTGGACCGGAGTCCATAGCACATATTGGGGATGTGATGTTTACTGGGACAGC
AGATGGCCGGTCTGAAAATTTGAAAATGGTAAAATAGAGACCATTGCCCGTTTGGTTCGGGCCCTTGC
AAAACCCGAGATGATGAGCCTGTGTGGGAGACCCTGGGTATCCGTGCAGGGCCAATGGGACTCTCT
TTGTGGCCGATGCATACAAGGGACTATTTGAAGTAAATCCCTGGAACGTGAAGTAAAAGTCTGCTGCTGC
CTCCGAGACACCCATTGAGGGGAAGAACATGTCCTTTGTGAATGATCTTACAGTCACTCAGGATGGGAGG
AAGATTTATTTACCGATTCTAGCAGCAAATGGCAAAGACGAGACTACCTGCTTCTGGTGTGGAGGGCA
CAGATGACGGGCGCTGCTGGAGTATGATACTGTGACCAGGGAAGTAAAAGTTTTATTGGACCAGCTGCG
GTTCCCGAATGGAGTCCAGCTGTCTCCTGCAGAAGACTTTGTCTGGTGGCAGAAACAACCATGGCCAGG
ATACGAAGAGTCTACGTTTCTGGCCTGATGAAGGGCGGGCTGATCTGTTTGTGGAGAACATGCCTGGAT
TTCCAGACAACATCCGGCCAGCAGCTCTGGGGGTACTGGGTGGCATGTCGACCATCCGCCCTAACCC
TGGGTTTTCCATGCTGGATTTCTTATCTGAGAGACCCTGGATTTAAAGGATGATTTTTAAGCTCTTTAGT
CAAGAGACGGTGATGAAGTTTGTGCCCGGTACAGCCTCGTCTCTAGAACTCAGCGACAGCGGTGCCCTCC
GGAGAAGCCTGCATGATCCCGATGGGCTGGTGGCCACCTACATCAGCGAGGTGCACGAACACGATGGGCA
CCTGTACCTGGGCTCTTTCAGGTCCCCTTCTCTGCAGACTCAGCCTCCAGGCTGTTTAG
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_020531 unedited  NNGGTCAGGATTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACCAGGCCGCTCA  GTGTGAGGTGGTTTCTGCGGGTGAGGCTGGCGCCCGTACCATGAGCGAGGCGGACGGGCT  GCGACAGCGCCGGCCCTGCGGCCGAGGTCGTACAGACGATGATGGCCAGGCCCGGA  GGCTAAGGACGGCAGCTCCTTTAGCGGCAGAGTTTTCCGAGTGACCTTCTGTATGCTGGC  TGTTTCTCTCACCGTCCCCTGCTTGGAGCCATGATGCTGCTGGAATCTCCTATAGATCC  ACAGCCTCTCAGTTCAAAGAACCCTGCTTGTGTTGGTGTTCGCATCCAAATACGAA  GCTGCGACAGGCAGAAAGGCTGTTTAAAAATCAACTTGTGGACCGGAGTCCATAGCACA  TATTGGGGATGTGATGTTTACTGGGACAGCAGATGGCCGGGTCGTAACCTTAAAAATGG  TAAAAATAGAGACCATTGCCCGGTTTGGTTCGGGCCCTTGCAAACCCGAGATGATGAGCC  TGTGTGTGGGAGACCCCTGGGTATCCGTGCAGGGCCCAATGGGACTCTCTTTGTGGCCGA  TGCATACAAGGGACTATTTGAAGTAAATCCCTGGAAACGTGAAGTGAACCTGCTGCTGTC  CTCCGAGACCCATTGAGGGGAAGAACATGTCCTTTGTGAATGATCTTACAGTCACTCA  GGATGGGAGGAAGATTTATTTACCGATTCTAGCAGCAAATGGCAAAGACGAGACTACCT  GCTTCTGGTGATGGAGGGCACAGATGACGGGCGCCTGCTGGAGTATGATACTGTGACCAG  GGAAGTAAAGNTNTATTGGACCAGCTGCGGNTCCGAATGGAGTCCAGCTGTCTCTGCAGA  GAACTTGTCTGGTGGCAGAACCCATGGCAGATACGAAGATCTACGTTCTGCCTCGATG  AGGCN</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_020531 unedited  AGTTAATTCCTTTTTTTTTTTTTTCGATTTATCGTTATTTATTATCAAATCATGACCAGT  GTGTAGACATACTTGTGAAAATATACAGCAACTGGGGCTTATAACACATGAGCAAAGAT  GACATTAACACGTGCACTGTTACATCTTGGGGTCTAGAGGTCAAGAACAAGATCACAG  ACAAGACGTTACTAAACGGACCCCTGCAGTAGGTCGCCAATTGCAGAATCATCCAATTCC  AGCATGGTCAGCACGGAGATATTCACAGAAAGAAACCCAGCAAAGTCTCTCTGAGCCGC  TAGAGTCAACAAGCTTTTCATACACACTATGGAGAGCCCACGCCCCACATAACCCCTTGAG  AACACAGTTCCATGTCTTGGCTAACACGGCTCTCACCGCTGGCCCTCAACACCCCTGGGCC  ATGCTCCCTCTGCTCTTCCATCCCCACCACAACGAAGAAAGGTATGACCCGACGTTATAT  ATAGTAAAGAAGAACTTTGAGGCCGAGGACAGGGCCGACGAGCAAGCTCTCTGGGTAG  TGCCCTTACTGCTCCACCCACCTGAGCCCTGTTCCAAGTGAAGGAGCTTCCAAAATCCTA  GAGAATGACTGTACTTAGAAAAGTTTTGTTTTGTTTAAAGAAAAATGGCTTTACATGAATT  TATGTTCCCTCATGGCAGATATGTTACACTTCCCTCTAAACAGAAAGACAAGCCAGGTGG  GGGCCCGGCATCCTCGAGGAATGAAGCAGCCATTCCCACACCTCTCAGGGACTAACAG  GTGCATGTGGACACTTGNACCACGACTGTGTCCACAGCTC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_020531
<b>Insert Size:</b>	2000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_020531.2</a> , <a href="#">NP_065392.1</a>
<b>RefSeq Size:</b>	2251 bp
<b>RefSeq ORF:</b>	1251 bp
<b>Locus ID:</b>	57136
<b>UniProt ID:</b>	<a href="#">Q9HDC9</a>
<b>Cytogenetics:</b>	20p11.21
<b>Domains:</b>	Str_synth
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Exhibits strong arylesterase activity with beta-naphthyl acetate and phenyl acetate. May play a role in adipocyte differentiation.[UniProtKB/Swiss-Prot Function]