

Product datasheet for **SC128075**

Apolipoprotein M (APOM) (NM_019101) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apolipoprotein M (APOM) (NM_019101) Human Untagged Clone
Tag:	Tag Free
Symbol:	Apolipoprotein M
Synonyms:	apo-M; G3a; HSPC336; NG20
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_019101 edited
 AGGGGAGAGAGCAGTTAAGGCACACAGAGCACCAGCTCCCTCCTGCTGAAGATGTTCCA
 CCAAATTTGGGCAGCTCTGCTCTACTTCTATGGTATTATCCTTAACTCCATCTACCAGTG
 CCCTGAGCACAGTCAACTGACAACCTGGGCGTGGATGGGAAGGAGTTCCAGAGGTCCA
 CTTGGGCCAGTGGTACTTTATCGCAGGGCAGCTCCCACCAAGGAGGAGTTGGCAACTTT
 TGACCCTGTGGACAACATTGTCTTCAATATGGCTGCTGGCTCTGCCCGATGCAGCTCCA
 CCTTCGTGCTACCATCCGCATGAAAGATGGGCTCTGTGTGCCCGGAAATGGATCTACCA
 CCTGACTGAAGGGAGCACAGATCTCAGAACTGAAGGCCGCCCTGACATGAAGACTGAGCT
 CTTTTCCAGCTCATGCCAGGTGGAATCATGCTGAATGAGACAGGCCAGGTTACCAGCG
 CTTTCTCCTCTACAATCGCTCACCACATCCTCCGAAAAGTGTGTGGAGGAATCAAGTC
 CCTGACTTCTGCTGGACTCCAAAGCCTTCTTATTGACTCCTAGGAATCAAGAGGCCTG
 TGAGCTGTCCAATAACTGACCTGTAACCTCATGTAAGTCCCAGATGGGTACAATGGGAG
 CTGAGTTGTTGGAGGGAGAAGCTGGAGACTTCCAGCTCCAGCTCCCACTCAAGATAATAA
 AGATAATTTTTCAATCCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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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_019101.2](#), [NP_061974.2](#)

RefSeq Size: 790 bp

RefSeq ORF: 567 bp

Locus ID: 55937

UniProt ID: [O95445](#)

Cytogenetics: 6p21.33

Protein Families: Secreted Protein

Gene Summary: The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Alternate splicing results in both coding and non-coding variants of this gene. [provided by RefSeq, Jan 2012]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).