

Product datasheet for **SC107942**

APOL6 (NM_030641) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	APOL6 (NM_030641) Human Untagged Clone
Tag:	Tag Free
Symbol:	APOL6
Synonyms:	APOL-VI; APOLVI
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107942 sequence for NM_030641 edited (data generated by NextGen Sequencing)

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ATGGACAACCGAGGAGAGAGAAAGTGGAGCTGGTGTGGTTGGTTGCAAAGGGATGAGGAT
GACGCTCCTCTGTGTGAAGACGTGGAGCTACAAGACGGAGATCTGTCCCCGAAGAAAAA
ATATTTTTGAGAGAATTTCCAGATTGAAAGAAGATCTGAAAGGGAACATTGACAAGCTC
CGTGCCCTCGCAGACGATATTGACAAAACCCACAAGAAATTCACCAAGGCTAACATGGTG
GCCACCTCTACTGCTGTCATCTCTGGAGTGATGAGCCTCCTGGGTTTAGCCCTTGCCCCA
GCAACAGGAGGAGGAAGCCTGCTGCTCTCCACCCTGGTCAAGGTTTGGCAACAGCAGCT
GGGGTCACCAGCATCGTGAGTGGTACGTTGGAACGCTCCAAAAATAAAGAAGCCCAAGCA
CGGGCGGAAGACATACTGCCACCTACGACCAAGAGGACAGGGAGGATGAGGAAGAGAAG
GCAGACTATGTACAGCTGCTGGAAAGATTATCTATAATCTTAGAAACACCTTGAAGTAT
GCCAAGAAAAACGTCCGTGCATTTTGGAAACTCAGAGCCAACCCACGCTTGGCCAATGCT
ACCAAGCGTCTTCTGACCACTGGCCAAGTCTCCTCCCGGAGCCGCGTGCAGGTGCAAAAG
GCCTTTGCGGGAACAACACTGGCGATGACCAAAAATGCTCGCGTGCTGGGAGGTGTGATG
TCCGCCTTCTCCCTTGGCTATGACTTGGCCACTCTCTCAAAGGAATGGAAGCACCTGAAG
GAAGGAGCAAGGACAAAGTTTGCGGAAGAGTTGAGAGCCAAGGCCTTGGAGCTGGAGAGG
AAACTCACAGAACTCACCCAGCTCTACAAGAGCTTGCAGCAGAAAGTGAGGTCAAGGGCC
AGAGGGGTGGGAAGGATTTAACTGGGACCTGCGAAACCGAGGCTTACTGGAAGGAGTTA
AGGGAGCATGTGTGGATGTGGCTGTGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTA
CAGTTTACATGA

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Clone variation with respect to NM_030641.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_030641 unedited CAAATATTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGCCTGTTCAAAGG CCACCCTACTCTTCTATCCGTCTTTCTCCAGCCCAGACACTCACAGCCCCTGCCAGAC CAGGGGACCTCGGAGAGGCAAGGACAGAGGTTTCAGGATCTTCTCTCCCTCGGGACCCAA GGCCACAAAGGAGAGCTCCGTGGAGAGAAGAAAATCATTGACTCCTGGGACACAGATT TGCTGCCACAGAGGCTGATGGACAACCAGGCGGAGAGAAAAGTGAAGGCTGGTGTGGTT TGCAAAGGGATGAGGATGACGCTCCTCTGTGTGAAGACGTGGAGCTACAAGACGGAGATC TGTCCCCGAAGAAAAAATATTTTTGAGAGAATTTCCAGATTGAAAGAAGATCTGAAAG GGAACATTGACAAGCTCCGTGCCCTCGCAGACGATATTGACAAAACCCACAAGAAATTC CCAAGGCTAACATGGTGGCCACCTCTACTGCTGTCATCTCTGGAGTGATGAGCCTCTGG GTTTAGCCCTTGCCCCAGCAACAGGAGGAGGAAGCCTGCTGCTCTCCACCCTGGTCAAG GTTTGGCAACAGCAGCTGGGGTCAACAGCATCGTGAGTGGTACGTTGGAACGCTCCAAAA ATAAAGAAGCCCAAGCACGGGCGGAAGACATACTGCCACCTACGACCAAGAGGACAGGG AGGATGAGGAAGAAGAGGACAGACTATGTCACAGCTGCTGGAAAGATTATCTATAATCTTA GAACACCTTGAAGTATGCCAGAAAAACGTNCGTGCATTTTGAAACTCAGAGCCACCCA CGTTGGCCATGCTCCAAGCGTCTCTGACCCTGGNCAAGTCTCTCCGNAGCGGGTGCAGT GCAAAGGCCTTGGGNAACACACTGCATGACAAATGCTCCTGCTGGAGGAGTGTATGTCC CCTCTCCTGGCTGACTNGGCCTCTTCAAGAA
Restriction Sites:	NotI-NotI
ACCN:	NM_030641
Insert Size:	2880 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_030641.2</u> , <u>NP_085144.1</u>
RefSeq Size:	3108 bp
RefSeq ORF:	1032 bp
Locus ID:	80830
UniProt ID:	<u>Q9BWW8</u>
Cytogenetics:	22q12.3

Gene Summary:

This gene is a member of the apolipoprotein L gene family. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids or allow the binding of lipids to organelles. [provided by RefSeq, Jul 2008]