

Product datasheet for SC307700

Apolipoprotein O like (APOOL) (NM_198450) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apolipoprotein O like (APOOL) (NM_198450) Human Untagged Clone
Tag:	Tag Free
Symbol:	Apolipoprotein O like
Synonyms:	CXorf33; FAM121A; Mic27; MICOS27; UNQ8193
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307700 representing NM_198450. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGCGGCCATCAGGATGGGAAACTGACAACCATGCCTGCAGGTCTGATATATGCATCTGTAAGTGTA
 CATGCAGCCAAACAAGAGGAATCCAAAAGCAGCTAGTGAAACCAGAGCAGCTCCCATATATACTGCA
 CCACCGCTCCAGTCTAAATATGTTGAAGAGCAGCCTGGTCATTTACAAATGGGCTTTGCTTCCATCCGC
 ACTGCAACTGGTTGTTACATTGGCTGGTGCAAGGGTGTATGTCTTTGTGAAAAATGGGATAATGGAT
 ACAGTACAATTTGAAAAGATGCTTATGTCTATCTGAAGAATCCTCTCGAGATTTCTTCCGAAAATG
 GGAGTTATTACAGTTTCAGGATTGGCGGGCTTGGTTTCAGCGAGAAAAGTTCCAAGTTTAAGAAAATT
 ACTTATCCTCTGGGACTGGCCACTTTAGGAGCAACTGTTTGCTACCCAGTTCAGTCCGTAATAATTGCT
 AAGGTAACAGCAAAAAGGTATATGCTACAAGCCAGCAAAATTTTGGAGCAGTTAAATCATTGTGGACA
 AAAAGCAGCAAGAAGAGTCACTCCCTAAACCTAAAGAAAAAACTAAGCTAGGATCCTCTTCCGAAATA
 GAAGTACCTGCAAAAACAACCTACGTCTTGAAACACTCAGTGCCCTTGCCAACAGAACTCAGCTCTGAA
 GCAAAGACCAATCAGATCCACTTCAGGTGCAACCCAGTTTATGCCTGACCCCAAGTCCATGGATCAC
 GGGCAGTCCCACCCAGAAGATATAGATATGTACAGCACTAGAAGCTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_198450
Insert Size:	807 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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_198450.5</u>
RefSeq Size:	6479 bp
RefSeq ORF:	807 bp
Locus ID:	139322
UniProt ID:	<u>Q6UXV4</u>
Cytogenetics:	Xq21.1
MW:	29.2 kDa
Gene Summary:	This gene encodes a protein which contains an apolipoprotein O superfamily domain. This domain is found on proteins in circulating lipoprotein complexes. [provided by RefSeq, Sep 2011]