

Product datasheet for **SC106161**

EXOC3L1 (AL834156) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EXOC3L1 (AL834156) Human Untagged Clone
Tag:	Tag Free
Symbol:	EXOC3L1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AL834156, the custom clone sequence may differ by one or more nucleotides

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GCGACGGCTCCCGCCGGCTGGGCGTCCGGTGGCCGGTGTAGCAGAGCGGGAGCGGCGGGCGGCGAGCAGA  
GGAGCTAACAGGTGGGGGCACGGCACGCGGACGGACCCCCCAAGGCCGGGAGGAGGCGCGCAGCGG  
ACCTTTCTGATCTCCCGGAGAAGCCTCCACTCCATTGTCTCCTGGCCCCACCCTCCATTGGGCACGCC  
TTCACCTATCCCCACCACTTATTGGCTGCAGGTCACGCCCCCTCTATTTCTGGTCCCCATTGGCT  
CTTACCTGTCTCTCCGGGGCTTCTCCTCCGCACAGGCCACACCCTCTCATTGTCACTAGACCCCGCC  
CGGGGGTGAATCAGACCCATTCTGCCCTCGGGGAGTTCAGGGGATTGTGGGAGGACACGGACTAGAC  
TCCAACAGTGACAGCTCTGAGTAAAGAAGTCGCCGAAGCAGTGGGACACTAGACGCGGGGAAGGCTTCT  
GGAGGAAGTGAGGCCTAAACTGAGCCTTGAAGAATGGTTAAGAGTTTGCTCCAGGAATATATTGCAAAGG  
CATTCTTGGCGGAAGGACCCGAGACGTGAAAAAAGAGGCGTATTCTGGTAATTCGAGGAGATGGAGA  
AGTAACAGCATGTGTTTATCCTGATGGAAGAGTCCAGTAGAGAGGAAGAGATTGATGATGATAGGAGAGA  
GGAGAAATGCTGGAAGTGAGTCACTGAGCAGGCAAGGGAGCTCAGCAGCTGGAGCCTCTCCAGAGGTCGA  
CAGTGTGGGGAGTTGGAGTGACCCGGCTGGATGTGACCCCAAGGACAGAATGGTGTGGACTCAGGGGCT  
CAGGCGTATGATCAGGCACCCCGCCGCTACCAGTCCCCATCCCTGCGCCATAGGCTGAAGCCCT  
CAGACCGAGATGGCCACCACTGTACCCTGGTCTCAGTCCCTGGCCTTGCCCTGGCTCTGGCAGTCCC  
CCCAGCGCTGCAGCCCCAGCCTGAGCAGCAGCCGTTCTCACAGATGCTCCTGGGCCACCGTGGCCACATG  
CGTCGCAGTGAGAGCACCTACTCTGTAATAGTACTGGCCGCGGGGGCGTGGCACCCCTGGGACGGCCTC  
CACCTGGACGGGGACGGAACCCAGGTGGGGGCACCCTGCGGCCTGCAGCCTCCCTGCCTCACATTGCTAA  
GACTCAAAGGGATGCAGGCCATATTGCCAGCAAGACCCCTGCATGTTGGTGGCCCTGCGGCCAACCAAC  
ATGGACCGTGAGCGAGACAAGTTCTCCAGTCCATTACACCTACAATCCACAGTTTGTAGTACCAGGAGC  
CCATGCCACGGCTGTGCTGGAAAAGTACTGCGAGGCCTCTGGACAGTTCCATCCATCAGGCAGTTGGCAT  
CATTGAGGCTGTTCTGGAGAAGTTTGAACCTATGAACACTTTGAGGCTGCCACTGGGGGGCAGCTGCTC  
ACCAAGTCCAGATATGGTCGATTGTGCGCAAATACATGCAGAAGGAGGGCTGCGCTGGGAGGTTGTGG  
TGCAGCTGAGTGAGGACCTGCTGCCAGGCAGTATGATGGTGGAGAACAGCCGCCACATGGCGAT  
CAACCTGACCGGAGCCCGCCAGTACTGGTTGGAGGGCATGCTGCGGCATGAGATAGGCACCCACTACCTG
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CGGGGCGTGAACAACGCGCGCCAGCCGTGGCACAACGCGGAGGGCCGGCTGCGGTACGGGCTGCGGCCGG
CGAACCCACGGAGGAGGGCCTGGCCAGCCTGCACAGCGTGTGTCCGCAAGCAGCCGTTCTGTGGCG
CGCTGCACTGCTCTACTACACCATCCACCAGCGCCGCGCATGTCCTTCCGTGAGCTCTCCAGGACCTG
GAGCGCTACGTGCAGGACGCCGATGTGCGCTGGGAGTACTGCGTGCGCCAAGCGCGGCCAGACCGACA
CCTCGTGCCAGCAAGGACCAGGTGTACCTGGACGGCATCGTGCATTCTGCGACATCGCCAGACCATC
GATTTCCCGTTGCTGACCTCACTGGCAAGGTGCCTATGAGGATGTGGACCACCTGCGGCCCATGGGG
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CACACACACACACACACACACACACTGATTCAGGCCTTGAGAGTCAAGCCCAAGAGCTCCCTTGGC
CCTGTTCCCACTCCCTCCACTGGCCTCTGCTGTTCTGTCTTTGCTCACACCCTCACAGCTGCTCTCTG
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AAAGTCTTATTCATTTAGTAAGCGAATATATTATAATATGATAGAGCGCCTTTTGTGTAAAGTCACTGG
TCAGAATCCTCACTGAGCTCCAGTCCAGAGAGAAGCCAGACAATTAACAGTAAAGCAGAAAAA
AAAAAAAAA
    
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5' Read Nucleotide Sequence:

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>OriGene 5' read for AL834156 unedited
TCTTGCATTTGTATACGATTCATATAGGCGGCACGCGAATTCGCACCAGCGACGGCTCCC
GCCGGCTGGGCGTCCGGTGGCCGGTGTAGCAGAGCGGGAGCGGCGGGCGCGAGCAGAGG
AGCTAACAGGTGGGGCACGGCACGCGGACGGACCCCCCAAAGCCGGGAGGAGGCGCGC
GACGCGACCTTCTGATCTCCCGGAGAAGCCTCCACTCCATTGTCTCTGGCCCCACCC
TCCATTGGGCACGCCCTTCACTTATCCCCACCACTTATTGGCTGCAGGTACGCCCCCT
CCTCTATTTCTGGTTCCCACTTGGCTCTTACCTTGTCTCTCCGGGGCTTCTCTCCGCA
CAGGCCACACCCTCTCATTGTCACTAGACCCCGCCTAATAGTGGGGGGCTCCTCCCC
ATCCATCCTTCATTATTATGCACCCAGTGTGGGTGCTTGGTACACGGGGTGAATCAG
ACCCCATTCCTGCCTTCGGGGAGTTCAGGGGATTGTGGGAGGACCGGACCTAGACTCCA
ACAGTGACAGCTCTGAGTAAAGAAGTCGCCGAAGCAGTGGGACACTAGACGCGNGAAGG
CTTCTGGAGGAAGTGAAGCCTAAACTGAGCCTTGAAGAATGGTTAAGAGTTTGCTCCAG
GAATATATTGCAAAGGCATTCTTGGCGGAAAGACCCGAGACGTGAAAAACAGGGCTATT
CTGGTAATTTGAGGAGAGTGCACAGTGTGGGGAGTTGGAGTGACCCGGCTGGATGTGAC
CCCCAGGACAGATGGTGTGACTCAGGNGCTCANGCGTATGATCAAGCAACCCAGCC
CGCCTACCAGTCCCCATCCCTGCGCCATAGGCTGTAGCCCTCAGAACGAGATGGGCCAC
ACTGTACCCTTGGCTTAATCCCTGGCCTTGGCCTGGCTGACATCC
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for AL834156 unedited TTAATATCCTTTTTTTTTTACACAAAGCAAAGTCTTCATGTTCTAGGGCCTATCTGGA GCTTCTGTCCAGGGCCTCTGACTGCAGCCCTCAACGGACATCAGTCGGGTAGCAGGCGAC CCAGCTCCGCCTCATCCAGCCGTTGGTGGCCATGATGTGCTCCAGCTGCTGCCGGTAGC GTGCCAAGTCCTGCATGAAGTGGGGCACCCGGTATTATCCAGCACCCCATGGGGCCGCA GGTGGTCCACATCCTCATAGGACACCTTGCCAGTGAGGTGAGGTCAGCAACGGGAAATCGATGG TCTGGCGATGTCGAGAATGCGCACGATGCCGTCCAGGTACACCTGGTCCTTGCTGAAAC AACCTGGCAGCGAGGTGTCGGTCTGGCCGCGCTTGGCGCGCACGAGTACTCCCAGCGCA CATCGGGCTCCTGCACGTAGCGCTCCAGGTCTGGAAGAGCTGACGGAAGGACATGCGCG CGGCGCGGTGGATGGTGTAGTAAAGCAGTGCAGCGCGCCACAGGAACGGGTGCTTGCGGA ACAGCACGCTGTGCAGGCTGGCCAGGCCCTCCTCCGTGGGGGTTCCGCGGCCGACGCCCCG TACCGCAGCCGGCCCTCCGCGTTGTGCCACGGCTGGCGCGGTTGTTACGCCCCGCAAG TAGTGGGTGCCTCTATCTCATGCCGACGATGCCCTCAAACAGTACTGGCGGGCTCCGG TCAAGTTGATCGCAATGTGGCCGGCTGTTCTCCACCTCATCACTGCCTGGGGAACA AGTCCCCACTCAGCTGCACAAAACCTCCCAGCGGAACCTCA
Restriction Sites:	NotI-NotI
ACCN:	AL834156
Insert Size:	2400 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:	AL834156.1 , CAD38862.1
RefSeq Size:	3511 bp
RefSeq ORF:	2304 bp
Locus ID:	283849
Cytogenetics:	16q22.1
Gene Summary:	As part of the exocyst, may play a role in regulated exocytosis of insulin granules. [UniProtKB/Swiss-Prot Function]