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# Product datasheet for SC122541

## EXOC3L2 (BC009217) Human Untagged Clone

### Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | EXOC3L2 (BC009217) Human Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | EXOC3L2 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pCMV6-XL5 |
| **E. coli Selection:** | Ampicillin (100 ug/mL) |

**Fully Sequenced ORF:**

```
>OriGene sequence for BC009217 edited
GGCACGAGGGTGGAGTGAAAGTTACACCGTGGCGGATTGACTTCTAAGGACTCTTGGTAC
ATGAGGAAGAAACCCGGAAGGGGAAGAGGAAAGCAAAGGCGTCAGGAATGGTTCTTCCTC
AGAGCTCTGGCCGAGCGCCTGGCCCGGGTGGGGCCCCCAGAAAGCGAGCCAGCCCGGGAA
GCATCTGCTAGTGCTCTGGACCATGTGACCCGGCTCTGCCACCGTGTCGTGGCCGACCTG
CTGTTCCAGGAGCTGCAGCCACACTTCAACAAGCTGATGCGCCGGAAGTGGCTGAGCAGC
CCGGAGGCCCTGGATGGCATCGTGGGCACGCTGGGTGCCCAGGCCCTGGCCCTGCGCAGA
ATGCAGGACGAGCCTTACCAGGCGCTGGTAGCCGAGCTACACCGGCGGGCGCTGGTCGAG
TACGTGCGGCCCCTGCTCCGTGGGCGCCTGCGCTGCAGCTCGGCGCGGACCCGCAGCCGC
GTGGCCGGCAGGCTCCGGGAGGACGCGGCGCAACTGCAGAGGCTGTTCCGGCGGCTGGAG
TCCCAGGCCTCGTGGCTGGATGCTGTGGTGCCCCATTTGGCTGAAGTCATGCAGCTGGAA
GACACGCCCAGCATCCAGGTGGAGGTGGGAGTGTTGGTGCGCGACTACCCAGACATCAGG
CAGAAGCACGTGGCAGCCCTCCTCGACATCCGTGGCCTGCGCAACACAGCCGCCCGCCAG
GAGATCCTGGCCGTGGCCCGGGACCTGGAACTCTCTGAGGAGGGAGCCCTGTCACCCCCT
CGGGACCGTGCCTTCTTTGCAGACATCCCTGTGCCCCGCCCATCTTTCTGTCTCAGCCTC
CCTCTCTTCCTGGGCCGCCTCCCCCTCTCCCGGCTGGCCAGGCCCAGTTTGGCCTGTCTG
CCTCGGCCCCGGCCTCCGTCTCTAGCGCGACCTCGGGCCCAGCGCTGAGGGTCACCCAAC
CGCCGGCCTTAGTGACCCCATCTATGCTGCTGACAAGCCAACCTCCCGTACGGCGCCCCT
CCTGACTCCCTGCCTGGGACCACACACCCCTGGGATAGAAAGACCCTTAGATGTCTTTTC
ACCCAACCCCAAACTCCCTGTACAGAAGGGAAACAAACGCCAGGCACGGTGGCTCATGCC
TGTAATCCCAACACTTTGGGAGGCTGAGGCCGGAGGATTGCTTGAGCCCAGGAGTTCAAG
ACCAGCCTGGGCAACATAGTGAGACCTGCCCCCTATCTCTACAAAAAATAAAAAATTAGC
TGGGCACGGTGGTGTGTGCCTGTAGTCCCAGCTACTGGTGAGGCTGAGGCTGGAGGATCA
CTGGAGTTCGAGGCTGCAGTGAGCTATGACTGTGCCACTGCACTCCAGCCTGGTCAACAA
AGCAAGACCCTTTCTCAAAAAAAAAAAAAAAAAA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for BC009217 unedited
NGGTCAAAATTTGTATACGACTCACTATAGGCGGCCGCGATTCGGCACGAGGGTGGAGTG
AAAGTTACACCGTGGCGGATTGACTTCTAAGGACTCTTGGTACATGAGGAAGAAACCCGG
AAGGGGAAGAGGAAAGCAAAGGCGTCAGGAATGGTTCTTCCTCAGAGCTCTGGCCGAGCG
CCTGGCCCGGGTGGGGCCCCCAGAAAGCGAGCCAGCCCGGGAAGCATCTGCTAGTGCTCT
GGACCATGTGACCCGGCTCTGCCACCGTGTCGTGGCCGACCTGCTGTTCCAGGAGCTGCA
GCCACACTTCAACAAGCTGATGCGCCGGAAGTGGCTGAGCAGCCCGGAGGCCCTGGATGG
CATCGTGGGCACGCTGGGTGCCCAGGCCCTGGCCCTGCGCAGAATGCAGGACGAGCCTTA
CCAGGCGCTGGTAGCCGAGCTACACCGGCGGGCGCTGGTCGAGTACGTGCGGCCCCTGCT
CCGTGGGCGCCTGCGCTGCAGCTCGGCGCGGACCCGCAGCCGCGTGGCCGGCAGGCTCCG
GGAGGACGCGGCGCAACTGCAGAGGCTGTTCCGGCGGCTGGAGTCCCAGGCCTCGTGGCT
GGATGCTGTGGTGCCCCATTTGGCTGAAGTCATGCAGCTGGAAGACACGCCCAGCATCCA
GGTGGAGGTGGGAAGTGTTGGNTGCGCGACTACCCAGACATCAGGCAGAAGCACGTGGCA
GCCCTCCTCGACATCCGTGGCCTGCGCAACACAGCCGCCCGCCAGGAGATCCTGGCCGTG
GCCCGGGACCTGGAACTCTNCTGAGAGGGAGCCCTGTCACCCCCTCGGGACCGTGCCTTC
TTTGCAGACATCCCTGTGCCCCGCCCATCTTTCTGTCTCAGCCTCCCTCTCTTCCTGGGC
CGCCTCCACTCTNCCCGGCTGCCAG

**Restriction Sites:** Please inquire

**ACCN:** BC009217

**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:**
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:** BC009217.1, AAH09217.1

**RefSeq Size:** 1415 bp

**Locus ID:** 90332

**Cytogenetics:** 19q13.32

**Gene Summary:** The protein encoded by this gene is upregulated by vascular endothelial growth factor A and interacts with exocyst complex component 4. The encoded protein may be part of an exocyst complex that plays a role in cell membrane dynamics. Mutations in this gene may be associated with Alzheimer's disease. [provided by RefSeq, May 2017]