

Product datasheet for **SC306041**

EXOC3L2 (NM_138568) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EXOC3L2 (NM_138568) Human Untagged Clone
Tag:	Tag Free
Symbol:	EXOC3L2
Synonyms:	XTP7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306041 representing NM_138568. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGGCCGCCCTGGAGAATGGGGAGCTGGGGCCCTTCTCTCCCCTGGCACCTGCGGGGTTTGGAGGAT
GAATGCGTCACAGATGTTAAGGCTCAGACCCGGGCTGCCCTTCTCCGTGTGCTGCAGGAGGACGAAGAG
CACTGGGGGAGCCTGGAGGACCAGCCAGCAGCCTGGCCAGGATGTGTGTGAGCTGCTGGAAGAGCAC
ACAGAGCGAGCACCCCGCATCAGCCAGGAGTTTGGGGAGCGGATGGCCCACTGCTGCCTAGGCGGGCTG
GCAGAGTTCCTGCAGAGCTTCCAGCAGCGTGTGGAGCGATTCCATGAGAACCAGCAGTCCGGGAGATG
CTACCTGACACCTATATCAGCAAGACCATCGCCCTGGTCAACTGCGGCCCACTGAGAGCTCTGGCC
GAGCGCCTGGCCCGGGTGGGGCCCCAGAAAGCGAGCCGCGCCGGAAGCATCTGCTAGTGTCTGGAC
CATGTGACCCGGCTCTGCCACCGTGTCTGTGGCCAACTGCTGTTCCAGGAGCTGCAGCCACACTTCAAC
AAGCTGATGCGCCGGAAGTGGCTGAGCAGCCCGGAGGCCCTGGATGGCATCGTGGGCACGCTGGGTGCC
CAGGCCCTGGCCCTGCGCAGAATGCAGGACGAGCCTTACCAGGCGCTGGTAGCCGAGCTACACCGGCGG
GCGCTGGTCGAGTACGTGCGGCCCTGCTCCGTGGGCGCTGCGTGCAGCTCGGCGCGGACCCGAGC
CGCGTGGCCGGCAGGCTCCGGGAGGACGCGCGCAACTGCAGAGGCTGTTCCGGCGGCTGGAGTCCCAG
GCCTCGTGGCTGGATGCCGTGGTGGCCCATTTGGCTGAAGTCATGCAGCTGGAAGACACGCCAGCATC
CAGGTGGAGGTGGGAGTGTGGTGGCGGACTACCCAGACATCAGGCAGAAGCAGTGGCAGCCCTCCTC
GACATCCGTGGCTGCGCAACACAGCCGCGCCGAGGAGATCCTGGCCGTGGCCCGGACCTGGAACCTC
TCTGAGGAGGGAGCCCTGTCAACCCCTCGGACCGTGCCTTCTTTGCAGACATCCCTGTGCCCGGCCA
TCTTTCTGTCTCAGCCTCCCTCTCTTCTGGGCGCCTCCCCCTCTCCGCGTGGCCAGGCCAGTTTG
GCCTGTCTGCCTCGGCCCGGCCCTCCGTCTCTAGCGGACCTCGGCCCAAGCGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI



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ACCN:	NM_138568
Insert Size:	1230 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).
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_138568.3</u>
RefSeq Size:	1719 bp
RefSeq ORF:	1230 bp
Locus ID:	90332
UniProt ID:	<u>Q2M3D2</u>
Cytogenetics:	19q13.32
MW:	45.9 kDa
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]