

Product datasheet for **SC316499**

ANXA8L1 (NM_001098845) Human Untagged Clone

Product data:

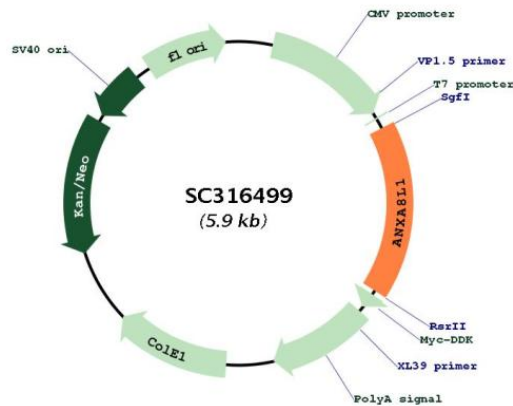
Product Type:	Expression Plasmids
Product Name:	ANXA8L1 (NM_001098845) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANXA8L1
Synonyms:	ANXA8; ANXA8L2; bA145E20.2; VAC-beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316499 representing NM_001098845. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCTGGTGGAAAGCCTGGATTGAACAGGAGGGTGTACAGTGAAGAGCAGCTCCCACTTCAACCCA
GACCCTGATGCAGAGACCCTCTACAAAGCCATGAAGGGGATCGGGACCAACGAGCAGGCTATCATCGAT
GTGCTACCAAGAGAAGCAACACGCAGCGGCAGCAGATCGCCAAGTCCTCAAGGCTCAGTTCGGCAAG
GACCTCACTGAGACCTTGAAGTCTGAGCTCAGTGGCAAGTTGAGAGGCTCATTGTGGCCCTTATGTAT
CCGCCATACAGATACGAAGCCAAGGAGCTGCATGACGCCATGAAGGGCTTAGGAACCAAGGAGGGTGC
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TATGGGTCCAGCCTGGAGGAGGACATCCAAGCAGACACAAGTGGCTACCTGGAGAGGATCCTGGTGTGC
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GATCTGTATGCGGCAGGCGAGAAGATTCGTGGGACTGATGAGATGAAATTCATCACCATCCTGTGCACG
CGCAGTGGCACTCACCTGCTGAGAGTGTGTTGAAGAGTATGAGAAAATTGCCAACAAGAGCATTGAGGAC
AGCATCAAGAGTGAAGCCATGGCTCACTGGAGGAGGCCATGCTCACTGTGGTGAATGCACCCAAAAC
CTCCACAGCTACTTGCAGAGAGACTCTACTATGCCATGAAGGGAGCAGGGACGCGTGATGGGACCCTG
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GGCAAGACCCTCAGCAGCATGATCATGGAAGACACCAGCGGCGACTACAAGAAGCCCTGCTGAGCCTG
GTGGGCAGCGACCCCTGA
AGCGGACCGACGCGTACGCGGCCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-RsrII



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Plasmid Map:


ACCN: NM_001098845

Insert Size: 984 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: [NM_001098845.2](https://www.ncbi.nlm.nih.gov/nuccore/NM_001098845.2)

RefSeq Size: 2100 bp

RefSeq ORF: 984 bp

Locus ID: 728113

UniProt ID: [P13928](#)

Cytogenetics: 10q11.22

MW: 36.9 kDa

Gene Summary: This gene encodes a member of the annexin family of evolutionarily conserved Ca²⁺ and phospholipid binding proteins. The encoded protein may function as an anticoagulant that indirectly inhibits the thromboplastin-specific complex. Overexpression of this gene has been associated with acute myelocytic leukemia. A highly similar duplicated copy of this gene is found in close proximity on the long arm of chromosome 10. [provided by RefSeq, Apr 2014]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.