

Product datasheet for **SC334997**

ANXA8L1 (NM_001278924) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANXA8L1 (NM_001278924) 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:	>NCBI ORF sequence for NM_001278924, the custom clone sequence may differ by one or more nucleotides

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ATGGCCTGGTGGAAAGCCTGGATTGAACAGGAGGGTGTACAGTGAAGAGCAGCTCCCACTTCAACCCAG
ACCCTGATGCAGAGACCCTCTACAAAGCCATGAAGGGGATCGGTGTGGGTCCCAACTGCTCAGCCACCA
AGCAGTGCCTTCGCCTTCCCCTCCTCCGCCCTCACCAGTGTGTACCCTGGGGGCAGCAGGGTCACTTG
TGCTGTAAACCCTGCAGGGACCAACGAGCAGGCTATCATCGATGTGCTCACCAAGAGAAGCAACACGCAGC
GGCAGCAGATCGCCAAGTCTTCAAGGCTCAGTTCGGCAAGGACCTCACTGAGACCTTGAAGTCTGAGCT
CAGTGGCAAGTTTGAAGGCTCATTGTGGCCCTTATGTATCCGCCATACAGATACGAAGCCAAGGAGCTG
CATGACGCCATGAAGGGCAGCAGGGATGATGTGAGCAGCTTTGTGGACCCGGCACTGGCCCTCCAAGACG
CACAGGATCTGTATGCGGCAGGCAGAGAAGATTCGTGGGACTGATGAGATGAAATTCATCACCATCCTGTG
CACGCGCAGTGCCACTCACCTGCTGAGAGTGAAATGCACCCAAAACCTCCACAGTACTTTGCAGAGAGA
CTCTACTATGCCATGAAGGGAGCAGGGACGCGTGATGGGACCCTGATAAGAAACATCGTTTCAAGGAGCG
AGATTGACTTAAATCTTATCAAATGTCACCTTCAAGAAGATGTACGGCAAGACCCTCAGCAGCATGATCAT
GGAAGACACCAGCGGCGACTACAAGAACGCCCTGCTGAGCCTGGTGGCAGCGACCCCTGA
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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001278924
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).



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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:	<u>NM_001278924.1, NP_001265853.1</u>
RefSeq Size:	1947 bp
RefSeq ORF:	831 bp
Locus ID:	728113
UniProt ID:	<u>Q5VT79</u>
Cytogenetics:	10q11.22
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks three alternate exons and uses an alternate splice site in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>