

Product datasheet for **SC119166**

ANXA8L2 (NM_001630) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANXA8L2 (NM_001630) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANXA8L2
Synonyms:	ANXA8; bA145E20.2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119166 sequence for NM_001630 edited (data generated by NextGen Sequencing)

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ATGGCCTGGTGGAAAGCCTGGATTGAACAGGAGGGTGTACAGTGAAGAGCAGCTCCAC
TTCAACCCAGACCCTGATGCAGAGACCCTCTACAAAGCCATGAAGGGATCGGGACCAAC
GAGCAGGCTATCATCGATGTGCTCACCAAGAGAAGCAACACGCAGCGGCAGCAGATCGCC
AAGTCCTTCAAGGCTCAGTTCGGCAAGGACCTCACTGAGACCTTGAAGTCTGAGCTCAGT
GGCAAGTTTGAGAGGCTCATTGTGGCCCTTATGTATCCGCCATACAGATACGAAGCCAAG
GAGCTGCATGACGCCATGAAGGGCTTAGGAACCAAGGAGGGTGTGCATCATTGAGATCCTG
GCCTCTCGGACCAAGAACCAGCTGCGGGAGATAATGAAGCGTATGAGGAAGACTATGGG
TCCAGCCTGGAGGAGGACATCCAAGCAGACACAAGTGGCTACCTGGAGAGGATCCTGGTG
TGCTCCTGCAGGGCAGCAGGGATGATGTGAGCAGCTTTGTGGACCCGGCACTGGCCCTC
CAAGACGCACAGGATCTGTATGCGGCAGGCGAGAAGATTCTGGGACTGATGAGATGAAA
TTCATCACCATCCTGTGCACGCGCAGTGCCTCACCTGCTGAGAGTGTGTTGAAGAGTAT
GAGAAAATTGCCAACAAGAGCATTGAGGACAGCATCAAGAGTGAGACCCATGGCTCACTG
GAGGAGGCCATGCTCACTGTGGTGAATGCACCCAAAACCTCCACAGCTACTTTGCAGAG
AGACTCTACTATGCCATGAAGGGAGCAGGGACGCGTGTGGGACCCTGATAAGAAACATC
GTTTCAAGGAGCGAGATTGACTTAAATCTTATCAAATGTCACTTCAAGAAGATGTACGGC
AAGACCCTCAGCAGCATGATCATGGAAGACACCAGCGGCGACTACAAGAACGCCCTGCTG
AGCCTGGTGGGCAGCGACCCCTGA
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Clone variation with respect to NM_001630.2
276 c=>t;576 t=>g;939 t=>c



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001630 unedited CGGGGGGCCNCCNCCNCCNCCNCCGTTCAAAATTTGTATACGACTCATATAGGCG GCCGCGNAATTCGCACGAGGGCTTGCACCCACACCCAATGAGCGGCCTGCTACTCTCT CAGCTGCAGGAGCCAGACGTGTGGAGTCCCAGCAGAGGCCAACCTGTGTCTTTTCATCTC CGTGAGAAAGGTGCCCCGAAGTAAAGAGATGGCCTGGTGGAAAGCCTGGATTGAACAG GAGGGTGTACAGTGAAGAGCAGCTCCCACTTCAACCCAGACCCTGATGCAGAGACCCTC TACAAAGCCATGAAGGGATCGGGACCAACGAGCAGGCTATCATCGATGTGCTCACCAAG AGAAGCAACACGCGAGCGGACGATCGCCAAGTCTTCAAGGCTCAGTTCGGCAAGGAC CTCACTGAGACCTTGAAGTCTGAGCTCAGTGGCAAGTTTGAGAGGCTCATTGTGGCCCTT ATGTATCCGCCATACAGATACGAAGCCAAGGAGCTGCATGACGCCATGAAGGGCTTAGGA ACCAAGGAGGGTGTATCATTGAGATCCTGGCCTCTCGGACCAAGAACCAGCTGCGGGAG ATAATGAAGGCGTATGAGGAAGACTATGGGTCCAGCCTGGAGGAGGACATCCAAGCAGAC ACAAGTGGCTACCTGGAGAGGATCCTGGTGTGCCTCCTGCAGGNCAGCAGGNATGATGTG AGCAGCTTTGTGGACCCGCACTGGCCCTTNCAGAGCACAGGATCTGTATGCNGCAGGCG AGAAGAATCGTGGGACTGATGAGATGAAATTCATCACCATCCTGTGCACGCGCAGTGCCA CTCACCTGCTGAGAAGTGTGAAGATATGAGAAAATTGCCACAAAAGCATTGAGGAGCA TCCAGAGTGAGACCCATGCTCACTGGNAGGCCATGCTTACTGTGTGAAATGCCCAAAA CTCCCAGNTACTTTGCGAAGACTCTCCTTGCCATGAGGNAGCACGACCCTGTAT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001630 unedited GAGTTTAAACCCTTTTTTTTTTGAGTTGAATACAAATCTTTATTATTTTNGAAAACCACA GCAAAGGCACTTCAGAATCTCCAGGTACCCAGTCTCAGTTGCCGTTCAAGGGGACAAGA GTGGTGTGAGGGCATGGTACACCCCTTCTGTGCTGCATGCAGAGGGGTGCAAGGCCAGG GCAGCTGACCTGTGCAGCCACCAGGGGAGCCACGCCTTATAACACAGTGTCCCTTGGG TCAAGAATTTGTAGTTTATTTTGTATTAAAGATGGCGAGAGAATTTTTCGTCCATTTAGA GCCTAACATTTTTAGATGAATGTTAATGGCATCTCGGTTGGGATGGATTCTGTTCATTT CTCAGCTGCTGAAGGATGTGTGTTCTAAAAAAAAGGGCTCCCAGCCAGCTCTCCGGCTG CATGATAGAGAAGTGTGTTGTAAGACGCTTGTAAAAAACCATATTCCCTGGCCCTCTT GTGGAGACCCTGTTTCAGTAGATGGGAATGGGGCTGGGGTCTGTATAACCTGTGCCCAGG AGACTCTGTGACCAGCTTGGGAAGCTCCTGCAGGGAGGAAGGAATGATCCACAAGTCCCN CAGCCCTTCATGCTGANGCATCTGTCTGGCTGGAAAACACTAAAGTTGGCATTGTGCTCA CACTGGGAAATGACCTGNAGGAAGTTGGGAAAGAGAGGTCCAGCCGTTTCCACCCCTCTG GGTCAGAAAACCCGGCTGGNAAGCACTGGAAATAGGAAATAGATAACCGAAAGGCTGGGA CCCCCTCACACCCACCTGCGTCCATGGNCCAGGTTGAATGAAGAATCCTGGAGACTC TGGCTTCAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_001630
Insert Size:	2000 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:

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_001630.1](#), [NP_001621.1](#)

RefSeq Size: 1940 bp

RefSeq ORF: 984 bp

Locus ID: 244

Cytogenetics: 10q11.22

Domains: annexin

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, Jul 2008]