

## Product datasheet for **SC330956**

### Annexin VIII (ANXA8) (NM\_001271703) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Annexin VIII (ANXA8) (NM_001271703) Human Untagged Clone
Tag:	Tag Free
Symbol:	Annexin VIII
Synonyms:	ANX8; CH17-360D5.2
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330956 representing NM_001271703. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCCTGGTGGAAATCCTGGGACCTCACTGAGACCTTGAAGTCTGAGCTCAGTGGCAAGTTTGAGAGG  
CTCATTGTGGCCCTTATGTACCCGCCATACAGATACGAAGCCAAGGAGCTGCATGACGCCATGAAGGGC  
TTAGGAACCAAGGAGGGTGTCTCATTGAGATCCTGGCCTCTCGGACCAAGAACCAGCTGCGGGAGATA  
ATGAAGGCGTATGAGGAAGACTATGGGTCCAGCCTGGAGGAGGACATCCAAGCAGACACAAGTGGCTAC  
CTGGAGAGGATCCTGGTGTGCCTCCTGCAGGGCAGCAGGGATGATGTGAGCAGCTTTGTGGACCCAGGA  
CTGGCCCTCCAAGACGCACAGGATCTGTATGCGGCAGGCGAGAAGATTCTGTTGGGACTGATGAGATGAAA  
TTCATCACCATCCTGTGCACGCGCAGTGCCACTCACCTGCTGAGAGTGTTTGAAGAGTATGAGAAAATT  
GCCAACAGAGCATTGAGGACAGCATCAAGAGTGAGACCCATGGCTCACTGGAGGAGGCCATGCTCACT  
GTGGTGAATGCACCCAAAACCTCCACAGCTACTTTGCAGAGAGACTCTACTATGCCATGAAGGGAGCA  
GGGACGCGTGATGGGACCCTGATAAGAAACATCGTTTCAAGGAGCGAGATTGACTTAAATCTTATCAAA  
TGTCACCTCAAGAAGATGTACGGCAAGACCCTCAGCAGCATGATCATGGAAGACACCAGCGGTGACTAC  
AAGAACGCCCTGCTGAGCCTGGTGGGCAGCGACCCCTGA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001271703
Insert Size:	798 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).



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<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001271703.1</u>
<b>RefSeq Size:</b>	1905 bp
<b>RefSeq ORF:</b>	798 bp
<b>Locus ID:</b>	653145
<b>UniProt ID:</b>	<u>P13928</u>
<b>Cytogenetics:</b>	10q11.22
<b>MW:</b>	30 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the annexin family of evolutionarily conserved Ca<sup>2+</sup> 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]</p> <p>Transcript Variant: This variant (3) lacks exons in the 5' coding region compared to variant 1. It encodes isoform 3, which is shorter when compared to isoform 1. An in-frame AUG is located 66 codons upstream of the annotated translation start site but was not annotated as a start site since it is not conserved and is in a weak Kozak sequence context.</p>