

## Product datasheet for **SC323796**

### Annexin A3 (ANXA3) (NM\_005139) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Annexin A3 (ANXA3) (NM_005139) Human Untagged Clone
Tag:	Tag Free
Symbol:	Annexin A3
Synonyms:	ANX3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_005139.2  
 CCGGACCCGGAGCCAGCGCGGAGCACCTGCGCCCGCGGCTGACACCTTCGCTCGCAGTTT  
 GTTCGCAGTTTACTCGCACACCAGTTTCCCCACCGCGCTTTGGATTAGTGTGATCTCAG  
 CTTAAAGCAAAGGTGGGATATCATGGCATCTATCTGGGTTGGACACCGAGGAACAGTAAG  
 AGATTATCCAGACTTTAGCCCATCAGTGGATGCTGAAGCTATTAGAAAGCAATCAGAGG  
 AATTGGAAGTATGAGAAAATGCTCATCAGCATTCTGACTGAGAGGTCAAATGCACAGCG  
 GCAGCTGATTGTTAAGGAATATCAAGCAGCATATGAAAGGAGCTGAAAGATGACTTGAA  
 GGGTGATCTCTGCGCACTTTGAGCATCTCATGGTGGCCCTAGTACTCCACCAGCAGT  
 CTTTATGCAAAGCAGCTAAAGAAATCCATGAAGGGCGCGGGAACAAACGAAGATGCCTT  
 GATTGAAATCTTAACTACCAGGACAAGCAGGCAAATGAAGGATATCTCTCAAGCCTATTA  
 TACAGTATACAAGAAGAGTCTTGGAGATGACATTAGTTCCGAAACATCTGGTACTTCCG  
 GAAAGCTCTGTTGACTTTGGCAGATGGCAGAAGAGATGAAAGTCTGAAAGTGGATGAGCA  
 TCTGGCCAAACAAGATGCCAGATTCTCTATAAAGCTGGTGAGAACAGATGGGGCACGGA  
 TGAAGACAAATCACTGAGATCCTGTGTTAAGGAGCTTTCCTCAATTAACAACTAACATT  
 TGATGAATACAGAAATATCAGCCAAAAGGACATTGTGGACAGCATAAAAGGAGAATTATC  
 TGGGCATTTTGAAGACTTACTGTTGGCCATAGTTAATTGTGTGAGGAACACGCCGGCCTT  
 TTAGCCGAAAGACTGCATCGAGCCTTGAAGGGTATTGGAAGTATGAGTTTACTCTGAA  
 CCGAATAATGGTGTCCAGATCAGAAATTGACCTTTTGGACATTCGAACAGAGTTCAAGAA  
 GCATTATGGCTATTCCTATATTCAGCAATTAATCGGATACTTCTGGAGACTATGAAAT  
 CACTCTTAAAAATCTGTGGTGGAGATGACTGAACCAAGAAGATAATCTCCAAAGGTCC  
 ACGATGGGCTTTCCCAACAGCTCCACCTTACTTCTCTACTATTTAAGAGAACAAGC  
 AAATATAAACAGCAACTGTGTTCTAACAGGAATTTTCATTGTTCTATAACAACAACAA  
 CAAAAGCGATTATTTTAGAGCATCTCATTTAATGTAGCAGCTCATAAATGAAATT  
 GAAAATGGTATTAAGATCTGCAACTACTCCAACCTTATTTTCTGCTTTCAAAGTTAA  
 GAATCTTTATAGTTCTACTCCATTAATATAAAGCAAGATAATAAAAAATTGTTGCTTTTG  
 TTAATAA



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<b>Restriction Sites:</b>	EcoRI-NOT
<b>ACCN:</b>	NM_005139
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<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>	<a href="#">NM_005139.2</a> , <a href="#">NP_005130.1</a>
<b>RefSeq Size:</b>	1634 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	306
<b>UniProt ID:</b>	<a href="#">P12429</a>
<b>Cytogenetics:</b>	4q21.21
<b>Domains:</b>	annexin
<b>Protein Families:</b>	Stem cell - Pluripotency
<b>Gene Summary:</b>	This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation. [provided by RefSeq, Jul 2008]