

## Product datasheet for **SC303464**

### Annexin A13 (ANXA13) (NM\_004306) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Annexin A13 (ANXA13) (NM_004306) Human Untagged Clone
Tag:	Tag Free
Symbol:	Annexin A13
Synonyms:	ANX13; ISA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_004306 edited  
 TTTGCCTGTAGGAGGACTGATCTCTTAATGAAATACAGAAAAACCATCTCAGAAAAAGGA  
 AAATGGGCAATCGTCATGCTAAAGCGAGCAGTCCTCAGGGTTTTGATGTGGATCGAGATG  
 CCAAAAAGCTGAACAAAGCCTGCAAAGGAATGGGGACCAATGAAGCAGCCATCATTGAAA  
 TCTTATCGGGCAGGACATCAGATGAGAGGCAACAATCAAGCAAAAAGTACAAGGCAACGT  
 ACGGCAAGGAGCTGGAGGAAGTACTCAAGAGTGAGCTGAGTGGAACCTTCGAGAAGACAG  
 CGTTGGCCCTTCTGGACCATCCCAGCGAGTACGCCGCCCGCAGCTGCAGAAGGCTATGA  
 AGGGTCTGGGCACAGATGAGTCCGTCCTCATTGAGGTCTGTGCACGAGGACCAATAAGG  
 AAATCATCGCCATTAAGAGGGCCTACCAAAGGCTATTTGATAGGAGCCTCGAATCAGATG  
 TCAAAGGTGATACAAGTGAAACCTAAAAAAAATCCTGGTGTCTCTGCTGCAGGCTAATC  
 GCAATGAAGGAGATGACGTGGACAAAGATCTAGCTGGTCAGGATGCCAAAGATCTGTATG  
 ATGCAGGGGAAGGCCGCTGGGGCACTGATGAGCTTGCCTCAATGAAGTCTGGCCAAGA  
 GGAGCTACAAGCAGTTACGAGCCACCTTTCAAGCCTATCAAATCTCATTGGCAAAGACA  
 TAGAAGAAGCCATTGAAGAAGAAACATCAGGCGACTTGCAGAAGGCCATTTAACTCTCG  
 TGAGATGTGCCAGGATTGTGAGGACTATTTGCTGAACGTCTGTACAAGTCGATGAAGG  
 GTGCGGGGACCGATGAGGAGACGTTGATTCGCATAGTCGTGACCAGGGCCGAGGTGGACC  
 TTCAGGGGATCAAAGCAAAGTTCCAAGAGAAGTATCAGAAGTCTCTCTGACATGGTTC  
 GCTCAGATACCTCCGGGACTTCCGAAACTGCTAGTAGCCCTCTTGACTGAGCCAAGC  
 CAGGGCAATAGGAACACAGGGTGAACCACTTTGTCAAGAGCACATTTCAAATCAAAT  
 TGCAAATGAGACTCCCGCACGAAAACCTTAAGAGTCCCGGATTACTTTCTTGGCAGCTT  
 AAGTGGCGCAGCCAGGCCAAGCTGTGTAAGTTAAGGGCAGTAACGTTAAGATGCGTGGGC  
 AGGG

Restriction Sites:	Please inquire
ACCN:	NM_004306
Insert Size:	1200 bp



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<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>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_004306.2.
<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>	<u><a href="#">NM_004306.2</a></u> , <u><a href="#">NP_004297.2</a></u>
<b>RefSeq Size:</b>	1486 bp
<b>RefSeq ORF:</b>	951 bp
<b>Locus ID:</b>	312
<b>UniProt ID:</b>	<u><a href="#">P27216</a></u>
<b>Cytogenetics:</b>	8q24.13
<b>Gene Summary:</b>	<p>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. The specific function of this gene has not yet been determined; however, it is associated with the plasma membrane of undifferentiated, proliferating endothelial cells and differentiated villus enterocytes. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript, and encodes the shorter isoform (a).</p>