

Product datasheet for SC116952

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116952 sequence for NM_005139 edited (data generated by NextGen Sequencing)

```

ATGGCATCTATCTGGGTTGGACCCGAGGAACAGTAAGAGATTATCCAGACTTTAGCCCA
TCAGTGGATGCTGAAGCTATTCAGAAAGCAATCAGAGGAATTGGAAGTATGAGAAAATG
CTCATCAGCATTCTGACTGAGAGGTCAAATGCACAGCGGAGCTGATTGTTAAGGAATAT
CAAGCAGCATATGGAAAGGAGCTGAAAGATGACTTGAAGGGTGATCTCTTGCCACTTT
GAGCATCTCATGGTGGCCCTAGTGACTCCACCAGCAGTCTTTGATGCAAAGCAGCTAAAG
AAATCCATGAAGGGCGCGGGAACAAACGAAGATGCCTTGATTGAAATCTTAACCAGG
ACAAGCAGGCAAATGAAGGATATCTCTCAAGCCTATTATACAGTATACAAGAAGAGTCTT
GGAGATGACATTAGTCCGAAACATCTGGTGACTTCCGAAAGCTCTGTTGACTTTGGCA
GATGGCAGAAGAGATGAAAGTCTGAAAGTGGATGAGCATCTGGCCAAACAAGATGCCAG
ATTCTCTATAAAGCTGGTGAGAACAGATGGGGCACGGATGAAGACAAATCACTGAGATC
CTGTGTTTAAGGAGCTTTCCTCAATTAATAAATAACATTTGATGAATACAGAAATATCAGC
CAAAGGACATTTGTGGACAGCATAAAAGGAGAATTATCTGGGCATTTTGAAGACTTACTG
TTGGCCATAGTTAATTGTGTGAGGAACACGCCGGCCTTTTAGCCGAAAGACTGCATCGA
GCCTTGAAGGGTATTGGAAGTATGAGTTTACTCTGAACCGAATAATGGTGTCCAGATCA
GAAATTGACCTTTTGGACATTCGAACAGAGTTCAAGAAGCATTATGGCTATTCCTATAT
TCAGCAATTAATCGGATACTTCTGGAGACTATGAAATCACACTTAAAAATCTGTGGT
GGAGATGACTGA

```

Clone variation with respect to NM_005139.2



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005139 unedited</p> <pre> GGTTCAAATTTTGTAAATACGAACTCACTATAGGGCGGCCGCAATTTCGCACGAGGCGCGC TTTGGATTAGTGTGATCTCAGCTCAAGGCAAAGGTGGGATATCATGGCATCTATCTGGGT TGGACACCGAGGAACAGTAAGAGATTATCCAGACTTTAGCCCATCAGTGGATGCTGAAGC TATTCAGAAAGCAATCAGAGGAATTGGAAGTATGAGAAAATGCTCATCAGCATTCTGAC TGAGAGGTCAAATGCACAGCGGCAGCTGATTGTTAAGGAATATCAAGCAGCATATGGAAA GGAGCTGAAAGATGACTTGAAGGTGATCTCTCTGGCCACTTTGAGCATCTCATGGTGGC CCTAGTGACTCCACCAGCAGTCTTTGATGCAAAGCAGCTAAAGAAATCCATGAAGGGCGC GGGAACAACGAAGATGCCTTGATTGAAATCTTAACTACCAGGACAAGCAGGCAAATGAA GGATATCTCTCAAGCCTATTATACAGTATAACAAGAAGAGTCTTGGAGATGACATTAGTTC CGAAACATCTGGTACTTCCGAAAGCTCTGTTGACTTTGGCAGATGGCAGAAGAGATGA AAGTCTGAAAGTGGATGAGCATCTGGCCAAACAAGATGCCAGATTCTCTATAAAGCTGG TGAGAACAGATGGGACCGGATGAAGACAAATCACTGAGATCCTGTGTTAAGGAGCTT TCCTCAATTAATAACTAACATTTGATGAATACAGAAATATCAGCCAAAAGGACATTGTGA CAGCATANAAGGAGAATTATCTGGGCATTTTGAAGACTTACTGTTGGCCATAGTTAATTG TGTGAGGAACACGCCGGCCTTTTAGCCGAAAGACTGCATCGAGCCTTGAAGGGNTATTG GACTTGATGAGTTACTCTGAACCCGATNATGGNTGTCCAGT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_005139 unedited</p> <pre> GCCGCAATCTAGAGTCGAGNNTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAACAAAAGCAACA ATTTTTATTATCTTGCTTTATATTTAATGGATTAATAAGATTCTTAACCTTGA AGCAGAATATAAGTTGGATAGTAGTTGCAAATCTTTAATACCATTTTCAATTTCAATTTAT GAGCTGCTACATTATAAATGAGATGCTCTAAAATAATAATCGCTTTTGTGGTGGTGTTA TAAACAATGAAAATTCCTGTTAGGAACACAAGTTGCTGTTTATATTTGCTTGTCTCTT AAATAGTATGAGAAGAAGTAAGGTGGAGCTGTTGAAAAGCCCATCGTGGACCTTTGGAG ATTATCTTCTTGTTTCAGTCATCTCCACCACAGATTTTTAAGAGTGTGATTTTCAAGTCT CCAGAAGTATCCGATTTAATTGCTGAATATAGGGAATAGCCATAATGCTTCTTGAACCTCT GTTTCAATGTCCAAAAGTCAATTTCTGATCTGGACACCATTATTCGGTTCAGAGTAAA CTCATCAGTTCCAATACCCTTCAAGGCTTATGATGCAGTCTTTCCGCTAAAAGGCCGGGGTG TTCTACACAATTAACATGGCCAACAGTAAGCTTTAAAAGGCCAAATATCTCTTTTAA TGCTGGCCACAATGGCCTTTGGGTGATATTTCTGCTTCTTCAACGCACGTTCAATGGAGG AAAACCCCTTAACCAGGATTCAGGGAATTGCCTCCTCCTGCCAATTGTTTTAACACTTT AAAAGAAGTGGGCTCCCGNCGCCGAAGCCCTTACTTTTAGATTTCTTCTTTTGTCTTCT GCACAGAAAAAGTTCGGGACCCCGAGGCGGCACCTATGCACCCACACATTTCTTTCCA CGTTAACGCCCGAAAACCCCTGCTTCTTTCGCGGCCCAAAACCC </pre>
Restriction Sites:	ECORI-NOT
ACCN:	NM_005139
Insert Size:	1460 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:	<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:	NM_005139.1 , NP_005130.1
RefSeq Size:	1339 bp
RefSeq ORF:	972 bp
Locus ID:	306
UniProt ID:	P12429
Cytogenetics:	4q21.21
Domains:	annexin
Protein Families:	Stem cell - Pluripotency
Gene Summary:	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]