

## Product datasheet for SC209453

### Annexin VI (ANXA6) (NM\_004033) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Annexin VI (ANXA6) (NM_004033) Human 3' UTR Clone
Symbol:	Annexin VI
Synonyms:	annexin A6; annexin VI; annexin VI (p68); ANX6; calcium-binding protein p68; calelectrin; calphobindin II; CBP68
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004033
Insert Size:	771 bp
Insert Sequence:	<p>&gt;SC209453 3'UTR clone of NM_004033</p> <p>The sequence shown below is from the reference sequence of NM_004033. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TTGCTGGCTCTCTGTGGTGGTGAGGACAGGGCCACAGCTTTGGCGGGCACTTCTGCCAAGAAATGGTT
ATCAGCACCAGCCGCATGGCCAAGCCTGATTGTTCCAGCTCCAGAGACTAAGGAAGGGGCAGGGGTGG
GGGGAGGGGTTGGGTGGGCTCTTATCTTCAGTGGAGCTTAGGAAACGCTCCCACTCCACGGGCCATC
GAGGGCCAGCACGGCTGAGCGGCTGAAAAACCGTAGCCATAGATCCTGTCCACCTCCACTCCCCTCTG
ACCCTCAGGCTTTCCAGCTTCTCCCTTGCTACAGCCTCTGCCCTGGTTTGGGCTATGTCAGATCCA
AAAACATCCTGAACCTCTGTCTGTAAGTGTCTGTACTTTGAATGAGGGGTTGGTGGCAGG
GGCCAGTTGAATGTGCTGGGCGGGTGGTGGGAAGGATAGTAAATGTGCTGGGGCAAACTGACAAATCT
TCCCATCCATTTACACCCCATCTCCATCCAGGCCGCGTAGAGTACTGGACCAGGAATTTGGATGCCT
GGGTTCAAATCTGCATCTGCCATGCACTTGTCTGACCTTAGGCCAGCCCTTTCCCTCCCTGAGTCT
CTATTTTCTTATCTACAATGAGACAGTTGGACAAAAAATCTTGCTTCCCTTCTAACATTAACCTCCT
AAAGTATGCCTCCGATTCATTCCCTTGACACTTTTATTCTAAGGAAGAAATAAAAGAGATACACAA
ACACATAAACAC
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_004033.2</a></u>
Summary:	Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. Alternatively spliced transcript variants have been described. [provided by RefSeq, Aug 2010]
Locus ID:	309
MW:	28