

Product datasheet for **SC127685**

VEZT (NM_017599) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VEZT (NM_017599) Human Untagged Clone
Tag:	Tag Free
Symbol:	VEZT
Synonyms:	VEZATIN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127685 sequence for NM_017599 edited (data generated by NextGen Sequencing)

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ATGACACCGGAGTTTGACGAAGAGGTGGTTTTTGAGAATTCTCCACTTTACCAACTTTA
CAGGATCTGGGACACACAGACTTTGAAATATGTTCTTCTTTGTCACCAAAAACAGAAAA
TGCACAACAGAGGGACAACAAAAGCCTCCTACAAGAGTCTACCAAAAACAAGGTATCCTG
TAAAAAGTGGCTGAAACCATCAAAGTTGGATTTTTTTTTTCTCAGTGAATAAGAAGAT
GACTTACTTCACAAGTTGGATATTGGATTCCGACTCGACTCATTACATACCATCCTGCAA
CAGGAAGTCTGTTACAAGAGGATGTGGAGCTGATTGAGCTACTTGATCCCAAGTATCCTG
TCTGCAGGGCAATCTCAACAACAGGAAAATGGACACCTTCCAACACTTTGCTCCCTGGCA
ACCCCTAATATTTGGGATCTCTCAATGCTATTTGCCTCATTAGCTTGCTCGTTATGCTT
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Clone variation with respect to NM_017599.3
 2285 g=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017599 unedited
 GGATTTTGTAAATACGACTCACTATAGGGCGGCCCGCAATTCGCACGAGGCTGAGGCGGG
 TGGCATGGCGGAGAAGGATGACACCGGAGTTTGACGAAGAGGTGGTTTTTGAGGTTGCGC
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 CTCGTGAGAAAGCTTTACGTCTCATTCAAGAAACCGAGTGATTTTCAGAGGGATTACTGT
 GTCAGTGTGCTTGCCCATTTATAAAGCTGGACAGCATCCAGTCAGCATCTCATCGTC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017599 unedited
 GACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTAAAAATTAATTTTTTTA
 TTCAGAACCTGGATCTTTAAGACTGGTATAAACAAAAATAAAATACAAACAACCTGTTAT
 TAACATAATAGCTGCAGTTATTAAGTCAAGAATACAGTAAAAAGGAGTCATACTAAATG
 TTAATGTTCTTGAACAGATTTTCCCAATCACCTTAAGGTAGCAAATTTGGCAAGAAA
 TGATAATTCATTTCTTATTAATAAATACTTAAAGAATTTCCAAGATTGATCAGTTGTGCCA
 CAAATAAAACAGCAGTTTATTCAAAGAGCCCTTACCTTTCTCTATTTTCTAAAGAT
 CTGCCATTTACAGGTAACACTAATTTTCAAGATCAGTTATTCAAACCAGGGTTCTTCTGT
 AAATCCACATCTTAGCTTATATATAGTAACTTACACTCATATTCCTTTCCAGTCTTG
 AAGCTAAACACTTTTGTAAAAGGAACAATCTAATCACTTCATATGAATCTTGGTTCTT
 ACTTTTCTTCTATCTCATTTTTATTTTCTTCTATTATTTGNTCTTCTCCTCATCACCAA
 AAGTCTGTTCTGCATGGTGGTAAAGGAGAGAGATCTAGCAGCCACTTCTGCAGCAAGGC
 CAGCAGTGAAGGTAATACTGGTACAGCTGTACCCGTGCCAGCCTCTGCTTATGNNAGG
 GCTGTATGAATCCCTGGAGTTNGNAGGGCAGTGTCAAACCACTTNCATCTGTTGNGG
 GTCATCTTCACTCTCACATTGGTAAACACATNCTTTTCTTTGCTCCTTGGGGGAAGACTTC
 ATTTGAAGAATATCCTTATTTTACCTCTAAAAGTTTACATAAATCAACGCTACTATTTC
 ATTGGCTGTTGGGCGATTATA

Restriction Sites:

NotI-NotI

ACCN:

NM_017599

Insert Size:

3900 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:

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_017599.2](#), [NP_060069.2](#)

RefSeq Size: 3949 bp

RefSeq ORF: 1710 bp

Locus ID: 55591

UniProt ID: [Q9HBM0](#)

Cytogenetics: 12q22

Protein Families: Transmembrane

Gene Summary: This gene encodes a transmembrane protein which has been localized to adherens junctions and shown to bind to myosin VIIA. Examination of expression of this gene in gastric cancer tissues have shown that expression is decreased which appears to be related to hypermethylation of the promoter. Expression of this gene may also be inhibited by binding of a specific microRNA to a target sequence in the 3' UTR of the transcripts. A pseudogene of this gene is located on the X chromosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2011]
Transcript Variant: This variant (1) encodes isoform b.