

Product datasheet for **SC100164**

ZNF626 (NM_145297) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF626 (NM_145297) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF626
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145297, the custom clone sequence may differ by one or more nucleotides

ATGGGACCATTGCAATTTAGAGATGTGGCCATAGAATTCTCTCTGGAGGAGTGGCATTGCCTGGACACTG
CACAGCGGAATTTATATAGGAATGTGATGTTAGAGAACTACAGTAACCTGGTCTTCCTTGGTATTACTGT
TTCTAAGCCAGACCTGATCACCTGTCTGGAGCAAGGAAGAAAACCTTTGACCATGAAGAGAAATGAGATG
ATAGCCAAACCCTCAGTGAGCTTCCTTCAAGTTCACAGTGAGAGCCAAAGTCTCTTCATGACATATA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_145297 unedited
CAAATTTTGTAATACGACTCACTATTAGGGCGGCCGGAATTCGCACCAGCAGACTCCAG
TCTGGTCTTCTCCTAAAGGCCAGGCTGTGTGGCCCGTGTCTGCAGGTATTGGGAGA
TCCACAGCTAAGACACCGGGACCTCCTGGAAGCCAAAAATGGGACCATTGCAATTTAGAG
ATGTGGCCATAGAATTCTCTCTGGAGGAGTGGCATTGCCTGGACACTGCACAGCGGAATT
TATATAGGAATGTGATGTTAGAGAACTACAGTAACCTGGTCTTCCTTGGTATTACTGTTT
CTAAGCCAGACCTGATCACCTGTCTGGAGCAAGGAAGAAAACCTTTGACCATGAAGAGAA
ATGAGATGATAGCCAAACCCTCAGTGAGCTTCCTTCAAGTTCACAGTGAGAGCCAAAGTC
CTCTTCATGACATATAAGAGACTGCACAGTGTGGCTGCTTTTCCATAATTTTGGGACGC
ACAAATGTCTGCATGATTTTGAAGAACTAAAATTACTCTCAAAGTTCTCTTTTGCATCA
GATCTGAAATGTCTGAGAGTAATAGTTTCTGTTGAATTTTTTTTGTTCATTTTCTGCA
CAGTCCATTCTGTTTTTATTACTATCTAGGCTTGAAATATATAGTTTGAAATTATGACAT
CCTTCTCTTTGTTATTTTCTCATGATTGCTTTGGCTATTCAAAGTTTATTTAGTTTC
ATGTAAATTTTTGAAATGTATTTCCATTATTGTGAAAATAGTACCACTNGCATNTAAT
ANNGAAGTTATTGAATCTATAGATTACTTTGGATATATGGCACTTCATAATATTCATGTN
NTCAATTATAGACAAATATNTTAAANTTATTTGNATCTTTNCTAATTTTNCCTTTTTTAT
TGAAAGATTTACCTNCTGGGGTAATATTTCTCAGAAATTNATATTAAGGGATAGTCATAA
ATTTCTTCTCTATTTGTAGAAAGT



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Restriction Sites:	NotI-NotI
ACCN:	NM_145297
Insert Size:	4700 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:	<u>NM_145297.1, NP_660340.1</u>
RefSeq Size:	647 bp
RefSeq ORF:	279 bp
Locus ID:	199777
UniProt ID:	<u>Q68DY1</u>
Cytogenetics:	19p12
Domains:	KRAB
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) contains a distinct 3' CDS and 3' UTR, compared to variant 1. The resulting protein (isoform 2) has a shorter C-terminus and lacks the zinc finger domain, compared to isoform 1.