

Product datasheet for **SC112847**

ZNF711 (NM_021998) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF711 (NM_021998) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF711
Synonyms:	CMPX1; dJ75N13.1; MRX65; MRX97; Zfp711; ZNF4; ZNF5; ZNF6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC112847 sequence for NM_021998 edited (data generated by NextGen Sequencing)

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ATGGATTGAGGCGGTGGAAGTCTTGGATTGCACACGCCAGACTCTAGAATGGCCCATACC
ATGATTATGCAAGATTTTGTGGCTGGAATGGCTGGTACTGCACATATCGATGGAGACCAT
ATTGTTGTTTCAGTTCCTGAAGCTGTTTATGTTTCTGATGTTGTCACAGATGATGGGATA
ACTCTTGATCATGGCCTTGCAGCTGAAGTTGTCCATGGACCTGATATCATCACAGAGACT
GATGTAGTAACAGAAGGTGTGATTGTTCTGAAGCGGTACTTGAAGCTGATGTTGCCATT
GAAGAGGATTTAGAGGAAGATGATGGTGATCACATCTTGACTTCTGAACATAATTACAGAA
ACCGTTAGGGTACCAGAGCAGGTTTTCGTGGCTGACCTTGTTACTGGTCTAATGGACAC
TTAGAACATGTGGTCCAAGATTGTGTTTCAGGAGTCGACTCTCCACAATGGTATCAGAG
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TCTGAAGTTATAAAGTGTATATATTTAAAGCGGAGGCTGAAGATGATGTTGAAATAGGT
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GACCAGAGCCGAATGCAGCGGGAGAAGATGGTTTACATGGCAGTTAAAGATTCTTCTCAA
GAAGAAGATGATATCAGAGATGAAAGAAGAGTTTCCCGAAGGTATGAAGATTGTCAAGCA
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CTGGATTTGTTTCAAGGACATAAGACACACCACTGTCCTATTGTGACCATTAAGAGCACC
AATTCAAGTGACCTTAAGCGGCACATCATATCTGTCCATACTAAGGATTTTCTCACAAA
TGTGAGGTCTGTGATAAAGGTTTTATCGTCCTTCTGAGCTCAAAAAGCATAGTGATATC
CATAAGGGTAGGAAGATTCATCAGTGCAGGCACTGTGACTTTAAACATCCGATCCATTT
ATTCTTAGTGGCCATATCTTTTCAAGTTCATACTAAAGATCAGCCATTGAAATGTAAAGG
TGCAAGAGAGGATTACAGACAACAAATGAGCTAAAAAACATATGAAGACCCATACTGGA
AGGAAGATTTACCAATGTGAGTATTGTGAATACAGCACTACAGATGCATCTGGCTTTAAA
CGACATGTGATATCAATACATACAAAAGACTATCCACACAGGTGTGAATTCTGCAAGAAG
GGATTCCGAAGACCATCAGAAAAAATCAGCATATTATGAGGCACCACAAGAGGCTCTT
ATGTAA

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Clone variation with respect to NM_021998.4

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_021998 unedited TCAAAATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGCTCCGCTGCAG GGCTGATCTGGGTCTGGAAGAAAGGATGAGAGCCAGTGGATGAAATTCATAACTACTAGA CATCTGAGTCCTCTAATATTGGTGAATGAACTTTGCTAAGTATGGATTACGGCGGTGGAA GTCTTGGATTGCACACGCCAGACTCTAGAATGGCCCATACCATGATTATGCAAGATTTTG TGGCTGGAATGGCTGGTACTGCACATATCGATGGAGACCATAATTGTTGTTTCAGTTCCTG AAGCTGTTTTAGTTTCTGATGTTGTACAGATGATGGGATAACTCTTGATCATGGCCTTG CAGCTGAAGTTGCCATGGACCTGATATCATCACAGAGACTGATGTAGTAACAGAAGGTG TGATTGTTCTGAAGCGGTACTTGAAGCTGATGTTGCCATTGAAGAGGATTTAGAGGAAG ATGATGGTGATCAGATCTTGACTTCTGAACTAATTACAGAAACCGTTAGGGTACCAGAGC AGGTTTTCTGGTGGCTGACCTTGTTACTGGTCCTAATGGACACTTAGAACATGTGGTCCAAG ATTGTGTTTCAGGAGTCGACTCTCCACAATGGTATCAGAGGAAGTTCTTGTAACATAATT CAGATACAGAACTGTGATTCAAGCAGCTGGAGGTGTTCTGTTCTACAGTTACTATAA AAACCGNAGATGATGATGATGATGATGTCAAGAGCACTTCTGAAGACTACTTAATGATAT CTTTGGATGATNGTNGAGAAAAATAGAGCATATGGGGAATACACCATTAAAAAATTGCA GTGATGGNTCACAAGAAGATGCTNAAGAAGAATGGNTTGNTNCTGAAAAGTATAAAAGT GTATATATTTAAAGCGNNAGCTGAANAAGATNNGTGAAATAGTGGNAACAGAAATNGTC ACANAAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_021998
Insert Size:	4500 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_021998.3, NP_068838.3</u>
RefSeq Size:	4141 bp
RefSeq ORF:	2286 bp
Locus ID:	7552
UniProt ID:	<u>Q9Y462</u>
Cytogenetics:	Xq21.1
Domains:	Zfx_Zfy_act, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: This gene encodes a zinc finger protein of unknown function. It bears similarity to a zinc finger protein which acts as a transcriptional activator. This gene lies in a region of the X chromosome which has been associated with cognitive disability. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (2) differs in the 5' UTR and lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.