

Product datasheet for **SC122980**

ZNF703 (NM_025069) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF703 (NM_025069) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF703
Synonyms:	NLZ1; ZEPP01; ZNF503L; ZPO1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_025069 edited
CCACGCGTCCGCGTGGTGGAGGAGGGAGGCGGCGAGGAGGCGCAGCTCCCCTGCACC
GCGATCGACGCTGCGGAGCGAGCCACCCGCCCCGGGAGCTCGCCTCCCCGGTGCTCCCC
CGCCCTCCCCGCCCCCCAGCGGCGTGCCTCCTCCAAATGAGCGATTGCCCCGTGGAT
CTAACCAAGGACACCCGAAAGCAGCGGCAGCGGCAGCGGCGGCGGCGGGAAGAGGCCGG
CGGTGCCGGCAGCGGTGTCCCTTTGCCACCGGCGGACCCCTGCGCCAGGCGAACCCGG
TCCCGATCAGGGTCTGAAGATGCTGAGCGCTCACACCGGTACCTCCTGCACCCGGAGT
ACCTGCAGCCGCTGTCTCCACTCCCGTCAGCCCATGAGCTGGACGCCAAGAAGAGCC
CCTTGGCGCTGCTGGCTCAGACCTGCTCGCAGATCGGCAAGCCGACCCCGCCCTCCT
CCAAACTCAACTCGGTGGCGGCGGCGGCAACGGGCTGGGAGCGGAGAAGGACCCCGGCC
GCTCAGCCCCGGGCGCCGCTCCGACGCGCGGCCCTGAAGCAGCTGGGGACTCACCGG
CCGAGGACAAGTCCAGCTTCAAGCCCTACTCAAGGGCTCCGGCGGCGGCGACTCCCGCA
AAGACAGCGGCTCCTCCTCGGTGTCTTCCACCTCCTCCTCGTCTCCTCGTCCCCGGGAG
ACAAGGCGGGCTTCAAGGTCCCCAGCGCCGCTGCCGCCCTTTCCCCGCATGGAGCGC
CGGTCTCCGCATCCTCGTCTCGTCTCGTCCCGGCGGCTCCCGCGGCGGCTCCCCGCACC
ACTCTGACTGCAAGAACGCGCGGGGTTGGCGCGGGGAGCTGGACAAGAAAGACCAGG
AGCCCAAGCCAGCCCGAGCCGCGCAGCCGTGAGCCGCGCGGCGGTGGGAGCCCGGGG
CGCACGGTGGCGCCGAGTCCGGGGCCTCCGGGCGCAAGTCCGAGCCGCCCTCGGCGCTGG
TGGGGGCCGGCCAGTGGCGCCGGTGTCTCCCTACAAGCCGGGCCACTCGGTGTTCCCGC
TGCCGCCCTCCAGATTGGTACCACGGCTCCATCGTGGGCGCCTACGCCGGTACCCGT
CTCAGTTCGTGCTGGCTGGATCCTAGCAAGTCCGGCCTCGTGGGAGGCCAGCTGTCTG
GGGGCTGGGCTGCCGCCGGCAAGCCCCCAGCTCCAGCCCGTCCCGGGGCTCCCGGGCCCTCC
CGCCCTCCTTCTGCAGGATTATGCCCGGACCCCTATTGCTTGGGAGGTTACCACGGCG
CCTCGCACCTCGGCGGCTCCAGCTGCTCCACTGCAGCGCGCACGACCCTGCCGGGCCA
GCCTGAAGGCGGGGGCTACCCGCTGGTGTACCCCGGCAACCCGCTGCAGCCCGCGCGC
TCTCGTCCAGCGCCCGCCAGGCCGCGTCCCGGCCACCCGCTCTACACCTACGGCTTCA
TGCTGCAGAACGAACCGCTGCCGCACAGCTGCAACTGGGTGGCAGCCAGTGGGCCGTGG
ACAAGCGTTTCGCCACCTCGGAGGAGCTGCTCAGCCACCTACGGACCCACACGGCCCTGC
CGGGAGCCGAGAACTTCTGGCCGCTACCCCGGGGCTCGGGCCTGGGCAGCGCCGCCG
CCGCCCGCCCGCCCGCCCTCCTGCCATCTGCACCTCCCCCGCCCGCCGCCCGCCGCA
GCCCGGGTGCCTGTCTTGGGAATCCACACACTTTGGGCTAAGCCGGTACCACCCCT
ATGGCAAGAGCCACTTATCCACAGCGGGGGCCTGGCCGTGCCGTCCCTCCCCACAGCCG
GACCCTACTATTCGCATACGCGCTGTATGGACAGAGACTAGTTTCAAGCTCGGCGCTGG
GATACCAGTAACTACAGCTTCTCCTCCACCCAGCCCCCTCACCTCCTCCTCCTCCTC
CTCCTCCTCCCCACCTGCCGTGCGCGCTGCAACCTCCACTACTGCTTGACCCTGCGGG
ATTCCCCACCCAGCCCTCCCCACCGGACTGTGATTTTACTATAATGTTAGCTTAC
AAGCTGGGAATATAAGTGCATTAACGGCCAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_025069 unedited GGCGTTAGGATTTGTNATACGACTTCATATNAGGGCGGCGCGNAATCCCGGGNTATC GTCGACCCACGCGTCCGCGTCCGTTGGAGGAGGGGAGGCGCGAGGAGGCGCAGCTCCCGC TGCACCGCGATCGACGCTGCGGAGCGAGCCACCCGCCCCGGGAGCTCGCTCCCCGGTG CTCCCCGGCCTCCCCGCCCCCAGCGGCGTGCCTCCTCAAATGAGCGATTCCGCCG CTGGATCTAACCAAGGACACCCGAAAGCAGCGGCAGCGGCAGCGGCGGGCGGGAAGA GGCCGGCGGTGCCGCGAGCGGTGCCCTCTTGCCACCGGCGGACCCCTGCGCCAGGCGA ACCGGCTCCCGATCAGGGTCTGAAGATGCTGAGCGCTCACACCGGTACCTCCTGCACC CGGAGTACCTGCAGCCGCTGTCTCCACTCCCGTCAGCCCCATTGAGCTGGACGCCAAGA AGAGCCCCCTTGGCGCTGCTGGCTCAGACCTGCTCGCAGATCGGCAAGCCGGACCCGCCG CCTCCTCAAACCTCAACTCGGTGGCGGGCGGCCAACGGGCTGGGAGCGGAGAAGGACC CCGGCCGCTCAGCCCCGGGCGCCGCTCCGCAGCCGCGGCCCTGAAGCAGCTGGGGGACT CACCGGCCGAGGACAAGTCCAGCTTCAAGCCCTACTCAAAGGGCTCCGGCCGCGGGGACT CCCCGAAAGACAGGAGGCTCCTCCTCCGGTGTCTTTCCAGCTTCTTCTGGTGCCTT CTTGGTCCCCGGGAGACAAGGGCGGGTTCAGGGTCCCCAACCGCCCTTGCCCGCCCT TCCCCGCAATGGAGCGCGGTCTTCCGAATCTGTCCTGGTGGCCCCCGGGGGTCCC GAGCGGCGTCCCGGCACAACTTTGACTCGAAAAACGGG
Restriction Sites:	Please inquire
ACCN:	NM_025069
Insert Size:	2144 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_025069.1 , NP_079345.1
RefSeq Size:	2174 bp
RefSeq ORF:	1773 bp
Locus ID:	80139
UniProt ID:	Q9H7S9
Cytogenetics:	8p11.23

Gene Summary:

Transcriptional corepressor which does not bind directly to DNA and may regulate transcription through recruitment of histone deacetylases to gene promoters. Regulates cell adhesion, migration and proliferation. May be required for segmental gene expression during hindbrain development.[UniProtKB/Swiss-Prot Function]