

Product datasheet for **SC318123**

ZNF81 (NM_007137) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF81 (NM_007137) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF81
Synonyms:	dj54B20.6; HFZ20; MRX45
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_007137, the custom clone sequence may differ by one or more nucleotides <pre> ATGCCAGCTAACGAGGACGCTCCCCAGCCAGGGGAACATGGCAGTGCCTGTGAGGTATCA GTGTCAATTTGAGGATGTGACTGTGGACTTCAGTAGAGAGGAGTGGCAGCAACTGGACTCT ACTCAAAGACGCTGTACCAGGATGTAATGTTGGAGAACTACAGCCACCTGCTCTCAGTG GGGTTTCAAGTTCTTAACACAGAGGTCTCTTCAAGTTGGAGCAAGGAGAGGGGCCATGG ACATTGGAAGGGGAAGCCCCACATCAGAGCTGTTTCAGATGGGAAATTTGGAATTAAGCCT TCCCAGAGGAGAATTTCTGGGAAATCTACATTTTCATAGTGAAATGGAGGGTGAAGACACA AGAGATGATTCATTATACTCTATTTTAGAAGAATTGTGGCAAGATGCTGAACAGATAAAG AGATGTCAGGAAAAACACAACAACTTCTGAGTCGCACTACTTTCTCAATAAGAAAAATA TTGAATACAGAGTGGGATTATGAATATAAAGACTTTGGAAATTTGTTTCATCAAGCCCCA AATCTCATTCTTTCACAGAAAAGACCCCATAAACGTGATTCATTTGGGAAGAGTTTTAAG CATAATTTAGACTTACATATTCATAATAAAGCAATGCAGCAAGAACCTGGATAAACT ATTGGGCATGGTCAAGTTTTTACCCAGAACTCTTCTTATAGTCACCACGAAAATACACAT ACAGGAGTGAAGTTCTGTGAACGTAATCAATGTGGAAAAGTCTCAGCCTCAAACACTCA CTCAGTCAAAATGTGAAATTTCCATTGGAGAGAAAGCAACACATGTACTGAATTTGGG AAGATCTTCACCCAGAGGTCACATTTCTTGTCTCTCAAAAAATTCATCTGTGGAAAAA CCTCATGAGCTTAGCAAAATGTGTAATGTTTTTACACAGAAGCCACTACTCAGTATATAT CTGAGAGTTTCATAGAGATGAAAACTCTACATATGTAATGTGGGAAGGCCTTCATC CAGAATTCAGAATTAATTATGCATGAGAAAACCTACTAGAGAGAAACCTATAAATGC AATGAATGTGGGAAATCATTTTTCCAGGTGTCATCTCTACTCAGGCATCAGACAACCTCAT ACTGGAGAAAACTCTTTGAATGCAGTGAATGTGGTAAAGGCTTCTCCCTGAACTCAGCC CTCAATATACATCAGAAAATTCACACTGGAGAGAGACATCAGAAATGCAGTGAGTGTGGG AAAGCCTTTACCCAAAAATCAACACTCAGGATGCATCAGAGAATTCATACAGGAGAGAGG TCCTATATCTGTACTCAATGTGGGCAGGCCTTCATCCAGAAGGCACACTTGATTGCACAT CAAAGAATTCATACTGGAGAGAAGCCTTATGAATGCAGTGAATGTGGGAAATCTTTCCCT TCTAAGTCACAACTCCAGATGCATAAGAGAATTCATACAGGAGAGAAACCTATATATGC ACTGAATGTGGGAAGGCTTTCACCAACAGGTCAAATCTCAATACTCACCAGAAGTCTCAT ACTGGAGAAAAGTCTTATATATGTGCTGAATGTGGGAAGGCCTTACCGACAGGTCAAAT TTCAATAAACACCAGACCATTACACTGGAGAGAAACCTATGTTTGTGCTGATTGTGGG AGGGCCTTCATCCAGAAGTCAGAGTTGATTACACATCAGAGAATTCATACTACAGAGAAG CCTTATAAATGTCTGACTGTGAGAAATCCTTCTCCAAGAAACCATCTCAAAGTACAT CAACGAATTCACACAGGGGAGAAACCATATATATGTGCAGAATGTGGGAAGCCTTCACT GATAGGTCAAATTTCAATAAACATCAGACAATTCATACTGGAGATAAACCGTATAAATGC AGCGACTGTGGAAAGGGTTACCCAGAAATCAGTTCTCAGTATGCATCGCAATATTCAT ACA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_007137
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_007137.2, NP_009068.2</u>
RefSeq Size:	7933 bp
RefSeq ORF:	1986 bp
Locus ID:	347344
UniProt ID:	<u>P51508</u>
Cytogenetics:	Xp11.23
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a protein that likely functions as a transcription factor. The protein contains an N-terminal KRAB domain and several C2H2-type zinc finger motifs. Mutations in this gene cause an X-linked form of intellectual disability (MRX45). Microduplication of a region of chromosome X including this gene has also been associated with other forms of intellectual disability. [provided by RefSeq, Jul 2017]