

Product datasheet for **SC100362**

ZNF555 (NM_152791) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF555 (NM_152791) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF555
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 SC100362 sequence for NM_152791 edited (data generated by NextGen Sequencing)

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ATGGACTCAGTGGTCTTTGAGGATGTGGCTGTGGACTTCACCCTGGAGGAGTGGGCTTTG
CTGGATTCTGCTCAGAGGGACCTCTACAGAGATGTGATGCTGGAGACCTTTCAGAACCTG
GCCTCAGTAGATGATGAACTCAATTTAAGGCCAGTGGGTCAGTTTCTCAGCAGGATATT
TATGGAGAGAAAAATACCCAAGGAATCTAAAATAGCCACGTTACCAGAAATGTTTCCTGG
GCCTCTGTTTTAGGAAAAATTTGGGACAGTCTTAGCATCGAAGATCAAACCACAAACCAG
GGGAGAAATCTCAGTAGAAATCATGGGTTGGANNNNNNNNGTGAAAGTAATGATCAATGT
GGAGAAGCCCTCAGCCAGATTCCACATCTTAATCTGTACAAGAAAATTCCACCTGGAGTA
AAACAGTATGAATACAACACGTACGAAAAAGTCTTCATGCATCGCCGACATCCCTCAAG
AGTCCCATCACAGTTCACACTGGACACAAACCATATCAGTGCCAGGAATGTGGGCAGGCC
TACAGTTGTGCTTACACCTAAGAATGCATGTGAGAACCACAAATGGAGAGAGACCCTAT
GTGTGTAAATTATGTGGGAAAACCTTTCTCGTACTTCTCCCTCAATCGGCATGTAAGG
ATTCACACTGCTGAGAAAACCTACGAATGTAAGCAATGTGGGAAAGCCTTTATTGACTTC
TCAAGTCTTACTAGTCATCTCAGAAGTCACACCGAGAGAGGCCATATAAGTGTAAGGAA
TGTGGGAAAGCTTTCAGTTATTCTCAACGTTTCGAAGACACACAATAACACACACTGGC
GAGAAGCCATATAAATGTAAGGAATGTGCGGAAGCCTTTAGTTATTCTCAACTTTTCGA
AGACATATGATTTACACACTGGAGAGAAGCCACATAAATGTAAGAATGTGGGAGGCC
TTCAGTTATTCTTCGGCTTTTCGAAGACACATGATAACACACACTGGAGAGAAACCTAC
GAATGCAACAATGTGGGAAAACCTTCATTTATCTCCAGTCTTTTCGAAGACATGAAAGG
ATTCACACTGGAGAGAAACCTACGAATGCAACAGTGTGGGAAGACCTTCATTTATCCC
CAGTCCTTTTCGAAGACATGAAAGGACTCATGGTGGAGAGAAACCTATGAATGCAACCAG
TGCGGGAAAGCATTTCAGTCACCCCTCCTCCTTTTCGAGGACACATGAGGGTGCACACTGGA
GAGAAACCCATGAGTGCAAGCAATGTGGGAAAACCTTCAATTGGCCCATATCTTTACGA
AAACATATGAGAACACATACTAGAGAGAAACCTATGAATGTAAGCAGTGTGGGAAAGCC
TTCAGCTTGTCTGCTTGTTCGAGAACATGTGAGAATGCACCCTGAAGACAAATCCTAT
GAATGCAAGCTATGTGGGAAAGCTTTCTATTGCCACATATCCTTACAAAAACATATGAGA
AGGCATACCGCAGAGAACTCTATAAATGCAAGCAGTGTGGGAAAGCTTTCAGTTGGCCT
GAACTTTTGCAACAACATGTGAGAACGCACACTGTAGAGAAGCCCTATGAATGTAAGGAA
TGTGGGAAGGTCTTCAAATGGCCATCATCTTTACCAATACATATGAGACTGCACACTGGA
GAGAAACCTTATCAATGTAAGCATTGTGGGAAAGCATTCAATTGTTCTCATCCTTAAGG
CGACATGTGAGAATACACACTACAGAAAAACAGTATAAGTGTAATGTAGGACATCCTCCT
GCAAAATGAATTCATGTGAGTGTTCAGAAAAAGTCACACCAGGAGAGAGATCTGATCAAA
GTTGTAATATGGTGTTCCTTTATGA

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Clone variation with respect to NM_152791.4

333 g=>n;334 a=>n;335 g=>n;336 a=>n;337 c=>n;338 t=>n;339 c=>n;340 t=>n;1503 a=>g

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152791 unedited <pre> GGGGTTCANCATTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCTGCCC CTAGCGGTCCCTGGCGTCCCGGTTCTGTGCGGCTCACCTGCGCCGGTAGCGAAGAAATC GCCCCGGGACATGGACTCAGTGGTCTTTGAGGATGTGGCTGTGGACTTCACCTGGAGGA GTGGGCTTTGCTGGATTCTGCTCAGAGGGACCTCTACAGAGATGTGATGCTGGAGACCTT TCAGAACCTGGCTCAGTAGATGATGAACTCAATTTAAGGCCAGTGGGTCAGTTTCTCA GCAGGATATTTATGGAGAGAAAAATACCCAAGGAATCTAAAAATAGCCACGTTCAACGAAA TGTTTCCTGGGCTCTGTTTTAGGAAAAATTTGGGACAGTCTTAGCATCGAAGATCAAAC CACAAACCAGGGGAGAAATCTCAGTAGAAATCATGGGTTGGAGAGACTCTGTGAAAGTAA TGATCAATGTGGAGAAGCCCTCAGCCAGATTCCACATCTTAATCTGTACAAGAAAATTCC ACCTGGAGTAAAACAGTATGAATACAACACGTACGGAAGTCTTCATGCATCGCCGCAC ATCCCTCAAGAGTCCCATCACAGTTCACACTGGACACAAACCATATCAGTGCCAGGAATG TGGGCAGGCTACAGTTGTCGTTACACCTAAGAATGCATGTGAGAACCACAAATGGAGA GAAACCCTATGTGTGTAATTATGTGGGAAACCTTTNCTCGTACTTCTCCCTCAAATC GCATGTAAGGATTCACACTGCTGAGAAACCTACGAATGTNAGCAATGTGGGAAAGCCTT TATTGACTTCTCAGTCTACTAGTCATCTCAGAAGTCACACCGNAGAGAAGCATATNAGT GTTAGGAATGTGGGAAGCTTTCAGTTATCCTCCACGTTN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152791
Insert Size:	4000 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_152791.3 , NP_690004.3
RefSeq Size:	2075 bp
RefSeq ORF:	1887 bp
Locus ID:	148254
UniProt ID:	Q8NEP9
Cytogenetics:	19p13.3
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.