

Product datasheet for **SC100366**

ZNF 559 (ZNF559) (NM_032497) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF 559 (ZNF559) (NM_032497) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF 559
Synonyms:	NBLA00121
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 SC100366 sequence for NM_032497 edited (data generated by NextGen Sequencing)

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ATGGTGGCTGGGTGGTTGACAAATTACTCTCAGGACTCAGTGACCTTTGAGGATGTGGCT
GTGGACTTCACCCAGGAGGAGTGGACTTTGCTGGATCAAACCTCAGAGAACTTATACAGA
GATGTGATGCTGGAGAATAAAGAATCTAGTTGCAGTAGATTGGGAGAGTCATATTAAT
ACCAAATGGTCAGCACCTCAGCAGAATTTTTGCAGGGGAAAACATCCAGTGTGGTGGAA
ATGGAGAGAAACCATTTTGGAGAGGAACGTTTACTTTAACCAATGTGAAAAAGCCTTG
AGTGAACACTCATGCCTTAAGACTCACAGGAGAACTTACTTTAGAAAGAAAACCTGTGAG
TGTAATCAATGTGAAAAAGCCTTCAGAAAAACCTCTATCTTTACTTTACCAAGAAAACT
GATATCGGAGAGGAACCTCCTAACTGTAATCAATGTGAAACAGCCTTCAGCCAACATCTA
CATCTTGTGTTGCAAGAAAAGCTAGCCAAAATCTACATCTTGTGTTGCAAGAAAAGCTCACACT
CAAGAGAAACCATATAAATGCAGTACTGTGAAAAAGGCTTACCTTCTCCTCACACCTC
AGAGAATGTGTAAGAATTTATGGTGGAGAGAGACCATATACTCATAAGGAGTATGTCGAA
ACCTTTTCTCATTCTACAGCCCTTTTTGTACACATGCAAACTCAAGATGGAGAAAAATTC
TATGAATGTAAAGCATGTGGGAAACCTTCACTGAGTCGCATATCTTACTCAACATTTA
AGAACTCATAGTAGAGTGTACCTATAGAACATAAGAAATTTGGCAAAGCCTTTGCTTTT
TCCCCAGATCTTGCTAAACATATAAGACTTAGAACTAGAGGAAAACACTATGTTTGAAT
GAATGTGGCAAAGATTTACTTGTTTCTCAAACTCAACATTCACATAAGGGTTCACACT
GGAGAAAAACCGTATGAGTGAACAAAATGTGGGAAAGCCTTCACTGATTCATCAGGTCTT
ATAAAACACAGGCGAACTCACACTGGAGAAAAGCCTTATGAATGTAAAGGAATGTGGGAAA
GCTTTTGTAACTCTTACATCTTACTGTACATATGAGAACTCACACTGGTGAGAAAGCCT
TATCAATGTAAAGGAATGTGGAAAAGCCTTTATTAATTCCTTCTCCTTTAAAAGTCACATG
CAGACTCATCCTGGTGTAAAACCTATGACTGTCAACAGTGTGGGAAAGCCTTCATTCGA
TCCTCATTCTTATTTCGACATTTGAGAAGTCACAGTGCAGAAAGCCTTTTGAATGTGAG
GAATGTGGGAAAGCCTTTAGATACTCCTCGCACCTTAGTCAACATAAAAGAATACATACA
GGGAGAGGCCATATAAATGTCAAAAAGTGTGGGCAAGCCTTCAGTATCTCATCAGGCCTT
ACAGTACACATGAGAACTCACACTGGTGAACGGCCCTTTGAATGTCAGGAATGTGGGAAA
GCCTTTACTCGGTCCACATATCTTATTTCGACATCTAAGAAGTCATAGTGTGGAGAAACCA
TATAAGGAATGTGGGCAACCTTAGTAATTCCTCATGCCTTACTGAATGTGTGA

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Clone variation with respect to NM_032497.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_032497 unedited
ATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGAGGAACAGC
ATCTCTGCCTTCTGTTCACGGTGACCTTCGCTTGGTGTCTCCTGGCCTCAGCAACCTG
ACAATTTGTGTCGTGCCGAGAGATGGCTAATGAATGGCGCTTGATGACAGATGAGTAAT
GCCTGTTGCTGAAAGATTGACGATCATCTTTCTCAAGATGTTTTCTGTCTTCATGAGTCA
AAATTTGAAGAGGAAAGGATGGTGGCTGGTGGTTGACAAATTACTCTCAGGACTCAGTG
ACCTTTGAGGATGTGGCTGTGGACTTCACCCAGGAGGAGTGGACTTTGCTGGATCAAAC
CAGAGAACTTATACAGAGATGTGATGCTGGAGAACTATAAGAATCTAGTTGCAGTAGAT
TGGGAGAGTCATATTAATACCAATGGTCAGCACCTCAGCAGAATTTTTTGCAGGGGAAA
ACATCCAGTGTGGTGGAAATGGTAAGATTCAGAAGGTATAATTTATTGTCTTCCATGTTA
GAGGAAGATTGGAATTCCTTAAAATGGAAAAGCAGCACAATAACCTTGAGACATTTGAG
ACTAGTGTTTTTACCCAAAAATAATCTGTCTCTTGGAGAGACTATGGATCATGAGTTG
ACAAACACTCNTAACATCCCTCAGAAATATTTGTTACATATTTCTTTCACATTCCATAT
GTATCTCAGATGTTTTGATAAATAATTAATCTTGGGCCGTTATCAGCTAAGCTCTATT
TAAAACCTCTGAAAGTAAAGAATATACAGAACTTNGTGCAGTCACTTTGTTCCACTTGA
AACACTTCAGTCTGAACCCTGCCTTGCATGAAAATGGCAGACCAACAGTTCCATATACT
ACTTATTTCCATG

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032497 unedited NCCCATGGGNGGATGGCACTTTCCAGNCCGGNANGAGCACTGGGGNGGGGTACAGGGA TGCCACCCGGGATCTGTTTCAGGAAACAGCTATGACCGCGGCCCAATCTAGAGTCGAGTT TTTTTTTTTTTTTTTGAGATGGTCTTACCATATCATCCAGGCTGGAGTGCAGTGGCGTG ATCTGAGTCACTGCAGCTTCCGCCTCCCGGTTCAAGCAATTCTGCCTCAACCTCTCGA GTAGCTGGGATTACAGGCACGTACCACCATGCCTGGCTAATTTTTGTATTTTTAGTAGAG ATGGGGTTTTACCACGTTGGCCAGGCTGGTCTCGAACTCCTGACCTCAAATGATCCACTC GCTTCGGCCTTTCAAAGTGCTGGGATTACAGGAATGAGCCACTGCACCCAGCCTAAAATT GTTTTAAAGACTAGGGAAGTGTAGTAGTGACAAATGGGGAAAGAGTGGAACCTCTCAAT AATAAAGAGTTCCATCTGTAACCGTGAACAATTGAGATAACTCAGGATCTTCAGACCAGC TAGATATTTTTATTAATGATATATAACCTCTTTAAAACATGTATTTACCAAAGCATT CTGATATGGCATTCTCTAGTGTGACTTTTTGCATGTAATAATACAGCCTTTTTGACC TTCCATACAGTCAGGTTCTCTCAGTGTGGATGTTTCCTAACGACCAAGTTCAAGGGCT TTCCACATCTTTCACTCATGGGACTTCTCAATGTGTGCTTTGACATGTTCCCAAGT GGAAGCTAAAAACAAAGAAGAATCTCCACACCTTTTACATTCATAAGATTTTTACACCT GTGAGGACACAGCCTGATATTAAGGTTCAAGGGCGAGTGAAGGGCTTACCCATTCCCT TAAAGGCCGGAGGACGTGG
Restriction Sites:	NotI-NotI
ACCN:	NM_032497
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:	<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_032497.1 , NP_115886.1
RefSeq Size:	3059 bp
RefSeq ORF:	1617 bp
Locus ID:	84527
UniProt ID:	Q9BR84
Cytogenetics:	19p13.2
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

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

Transcript Variant: This variant (2) includes an additional exon in its 5' UTR and uses a downstream start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a.