

Product datasheet for **SC320771**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032497.1
 GTTCGGTGGTGTCCCGTGCAGCCACGCGAGAGTAGAAGGGTGGAAAGGGGAGGTGCCCA
 GTGAAATGGAGCCTGTCCCGTGCACTTTTCGGGCATTTTCGAGCATTTGTGGGCTCTCCCA
 AGTCGCGGCCCTCCTCTGAGAGCCACAGTCAGGTCTGTCTCAGGGGTGAGGGCGGCTG
 CGCTGGGGCCTCGGCCCGGAGGAGGCGGGGGCACGGCCTTTCCATTTTCCCTGTCTCC
 CTCTGCAGAAGCCTCATAGGGCCCGCGCGGCGGCTCACGCCTGTATTCCAGCGCTTT
 GGGCGGATTGGGTAGGAGGATTACTTGAGGCCAGGAGTTCAAGACCAGGCAGGGCAACAT
 AGGGAGACCCCCCCCCAACCATCTCTAATGGAAAAAAAAAAAAAGTCTCCACATCCAG
 CGTTGTGCCTTTTCTATAAGGAACAGCATCTCTGCCTTCTGTTACGGTGACCTTCG
 CTTGGTGTCTCCTGGCCTCAGCAACCTGACAATTCTGTCGTGCCGAGAGATGGCTAA
 TGAAATGGCGCTTGATGACAGATGAGTAATGCCTGTTGCTGAAAGATTGACGATCATCTTT
 CTCAAGATGTTTTCTGTCTTCATGAGTCAAATTTGAAGAGGAAAGGATGGTGGCTGGGT
 GGTGACAAATTACTCTCAGGACTCAGTGACCTTTGAGGATGTGGCTGTGGACTTCAACC
 AGGAGGAGTGGACTTTGCTGGATCAAACCTCAGAGAACTTATACAGAGATGTGATGCTGG
 AGAACTATAAGAACTAGTTGCAGTAGATTGGGAGAGTCATATTAATACCAAATGGTCAG
 CACCTCAGCAGAAATTTTTCAGGGGAAAAACATCCAGTGTGGTGGAAATGGAGAGAAACC
 ATTTTGGAGAGGAAGTGTGACTTTAACCAATGTGAAAAAGCCTTGAGTGAACACTCAT
 GCCTTAAGACTCACAGGAGAAGTACTTTAGAAAAGAAAACCTGTGAGTGAATCAATGTG
 AAAAGCCTTCAGAAAACCTCTATCTTTACTTTACACAAGAAAAGTATCGGAGAGG
 AACTTCCCTAACTGTAATCAATGTGAAACAGCCTTCAGCCAACATCTACATCTTGTGCA
 AGAAAAGTACCAAAATCTACATCTTGTGCAAGAAAAGTCAACTCAAGAGAAACCAT
 ATAAATGCAGTACTGTGAAAAAGGCTTACCTTCTCCTCACACCTCAGAGAATGTGAA
 GAATTTATGGTGGAGAGAGACCATATACTATAAGGAGTATGTCGAAACCTTTTCTCATT
 CTACAGCCCTTTTGTACACATGCAAACTCAAGATGGAGAAAAATCTATGAATGTAAG
 CATGTGGGAAACCTTCACTGAGTCGTCATATCTTACTCAACATTTAAGAACTCATAGTA
 GAGTGTACCTATAGAACATAAGAAATTTGGCAAAGCCTTTGCTTTTTCCCGAGATCTTG
 CTAACATATAAGACTTAGAACTAGAGGAAAACACTATGTTTGAATGAATGTGGCAAAG



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AATTTACTTGTCTCAAACCTCAACATTCACATAAGGGTTCACACTGGAGAAAAACCGT
ATGAGTGAACAAATGTGGGAAAGCCTTCACTGATTCATCAGGTCTTATAAACACAGGC
GAACTCACACTGGAGAAAAGCCTTATGAATGTAAGGAATGTGGGAAAGCTTTTGTAAC
CTTCACATCTTACTGTACATATGAGAACTCACACTGGTGAGAAGCCTTATCAATGTAAGG
AATGTGGAAAAGCCTTTATTAATTCCTCTTCTTTAAAAGTCACATGCAGACTCATCCTG
GTGTAACCCCTATGACTGTCAACAGTGTGGGAAAGCCTTCATTGATCCTCATTCTTA
TTCGACATTTGAGAAGTCACAGTGCAGAAAGCCTTTTGAATGTGAGGAATGTGGGAAAG
CCTTTAGATACTCCTCGCACCTTAGTCAACATAAAAGAATACATACAGGGGAGAGGCCAT
ATAAATGTCAAAAGTGTGGCAAGCCTTCAGTATCTCATCAGGCCTTACAGTACACATGA
GAACTCACACTGGTGAACGGCCCTTTGAATGTCAGGAATGTGGGAAAGCCTTTACTCGGT
CCACATATCTTATTCGACATCTAAGAAGTCATAGTGTGGAGAAACCATATAAGGAATGTG
GGCAAACCTTTAGTAATTCCTCATGCCTTACTGAATGTGTGTGAATTGGGGCTGATACTT
GGAAAGAATGTGGTAAAGCCACTACTTCCTCACACTTACTGAACATGACTCATTATAG
TGGCAATGTACACAGTCATAAGGAATGTGGGAAGCCTTCCTTGGTGTCTCAGATCTTAAC
AATTCCAATAGAAGAGAAGACATATGAATGTAAGGAATGTGGGAAATCTTGGCTCCTTC
CATAGGCCTTACTATTATGTGTCTGTGCATCCTAGGAAACAAACTGAACGTAGGAAACC
TGTCGATGCTTACATCTTACTGAGTCTGTTTGAACATGCTGGAGAGAATGCTATGAA
TGTGAGGAAGGTGGAAAAGCTTTTATTTCCTCGGCCTTACTGAGCTTGTGAGCAC
ATTGGATATAATGCACGTCTCTGGCTGTAAGGAATGTGTTGAAACCTTCACTCTGCC
TTATACCTTAATATTCAGCTGTGATCTCACAAGTGTGAAAAATCTTATGAATGTAAGG
TGTGGAGATTCTTTGTTTTAGCTTCCACTTGGGAACATGTCAAAGCACACATTGA
GAAGTCCCATGAGTGAAGAGATGTTGGAAAGCCTTGAACCTTGGTCGTTAGGAAACATC
CACACTGAAGAGAACCTGACTGTATGGAAGTCAAAAAGGCTGTATTAATTTACATGCA
AAAAGTCACACTAGAGGAATGCCATATCAGAATGCTTTTGGTAAATATACATGTTTTAAA
GAGGTTATATATCATTAATAAAAATATCTAGCTGGTCTGAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_032497

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:[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.