

Product datasheet for **SC208984**

ZNF658 (NM_033160) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: ZNF658

Mammalian Cell Selection: Neomycin

Vector: pMirTarget (PS100062)

ACCN: NM_033160

Insert Size: 710 bp

Insert Sequence: >SC208984 3'UTR clone of NM_033160
The sequence shown below is from the reference sequence of NM_033160. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CTAGCATGTAATGGATTGGGAAGTCCAGGGGAATGCATACCTTACCACATAACACGTAGTGCAGAAA
CTCATGTGACATAGGCTGGGAACCTGTTTCCCTTATCCATTTCTTTTTCATTAGGCTCATAGTTTGTG
GAAAAATCCCAATATGCCGTTTATTCAAGTGGGGCTGACCATGGGATGTGGTGCTAATGATAAATATTA
CATTTACCCTTGGCCCTTAAAAAAAAAAGAAAAACCCTCACAGTCTTCTGGTTCATAAGATGGATT
TGGAGGTTATTTCTGCAGCAAACTTGGGTCCTGTGTGTTCAAACCATAGAGCACAAGGTCAAGGAAGC
TAGAGTCTGAAAAACGAACAATTCACCTTCCAGGTCTTCATCAGGGTTTTGTTTTGTTGCTTTAAAGCA
AGAGTTAAGTTTATAGTCTGTTAAGCTCTTACAAATTTGGCTTATTAGTTAAATGGACGTAGTTTAGCT
TAACTTTATGTTAGAGTGAGATGAAACCCTATGAATATAATCAGTTTTAGAAAACTAATCAGTTTAT
TGTGCATCAGAGACGTACATGAAGAAGAACTTGTGACATCCAGGATGATCAGGAGCCTTCATTAA
AACAGAAATTTAGGGAAGAACCAAAACCTTCGTAAAGTGAATTGCATTAAACATCAATTATAATAA
AATTTTCATATTTTGAATAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_033160.7</u>
Summary:	Mediates transcriptional repression in response to zinc. Represses several genes, including SLC30A5, SLC30A10 and CBWD1, by binding to the zinc transcriptional regulatory element (ZTRE) (5'-C[AC]C[TA]G[CC][TC]-N(0-50)-[GA]G[ATC]G[TG]G-3') found in the promoter region. May play a role in the control of ribosome biogenesis, regulating predominantly rRNA levels, as well as those of several ribosomal proteins, thus coordinating this highly zinc-demanding process with the available zinc supply.[UniProtKB/Swiss-Prot Function]
Locus ID:	26149
MW:	27.4