

Product datasheet for **SC304816**

ZNF608 (NM_020747) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF608
Synonyms:	NY-REN-36
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304816 representing NM_020747. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCAGTGAACATTTCTACTGCAGGAAAAGGTGTGGATCCAAATACAGTTGATACTTATGACAGTGGC
GATGATTGGGAAATCGGGGTTGGAATTTAATAATTGATTTGGACGCTGATTTGGAGAAGGACAGACAG
AAATTTGAGATGAATAATTCACCACCACCACTAGTAGCAGCAACTCCAAGGATTGTGGAGGTCCGGCC
TCCAGTGGGGCTGGTGTACCCGAGCCTTAGCTGATGGCCTAAAATTTGCTTCTGTTCAAGCCTCTGCT
CCCCAGGGGAATTCACACAAAGAGACCAGCAATCAAAAGTGAAAAGGAGTAACTTCTAAGGATGCT
AATAAATCTCTGCCTTCTGCTGCCTTGTATGGGATTCCTGAGATCAGCAGCACTGGCAAGAGGCAGGAA
GTCCAAGGGCGCCCTGGAGAGGCAACTGGCATGAATTCAGCGCTGGGTCAAAGTGTGAGCAGCGCGGC
AGCGGCAACCCAAACAGCAATAGTACCAGCACCAGCACCTCTGCCGCCACCGGGGGCAGGCTCCTGT
GGGAAAAGCAAAGAGGAGAAGCCAGGTAAAGCCAGAGCAGCCGAGGCGCCAAGCGGGATAAGGATGCG
GGGAAATCCAGGAAGGACAAGCACGACCTGCTTCAGGGCCACCAGAATGGCAGTGGCAGCCAGGCCCT
TCCGGGGGGCACCTCTATGGCTTTGGGGCCAAGAGCAATGGAGGTGGCGGAGCCCTTCCACTGCGGG
GGCACTGGGAGTGGCAGCGTCGCCGCTGCAGGGGAAGTTAGCAAAAGTGCCCGGATTCAGGGCTCATG
GGAACTCTATGTTGGTAAAGAAGGAAGAGGAGGAGGAGGAGCCAGGCGAATCAAGAACTGAAA
ACTGAGAAGGTTGACCCCTGTTTACAGTGCCAGCGCCACCACCGCCGATTTCAGCAGTCTCACGCCCT
CAGATTCTACCCTCCTACTTTTCCCATCTTCATCCAATATTGCAGCACCAGGTGAACAGCTTTTGGTT
CGGACTCGTTCTGTGGGTGTCAATACATGTGAAGTTGGAGTAGTGACAGAGCCAGAGTGTCTTGGGCC
TGTGAACCTGGGACCAGTGTGAATTTGGAAGGGATCGTGTGGCATGAAACAGAAGAAGGTGTCTAGTG
GTCAATGTACGTTGAGGAACAAACGTACGTGGGAACCTACTGGACTGCACCAAGCACGACTGGGCC
CCTCCAGGTTTTGTGAGTCACCGACAAGTGACCTGGAGATGAGAGGGGGCCGGGGCAGAGGGAAGAGA
GCGAGGTCTGCTGCTGCTGCCCGGGCTCCGAGGCCAGCTTACAGAGTCCAGAGGGCTGCAGAATAAG
AACAGAGGGGGGCAATGGGAAAGGAGGCGGGGAGCCTCAATGCCAGCGGACGAAGGACACCCCCA
AATTGTGCTGTGAGGATATCAAGGCCAGCCCTTCTCCACCAACAAAGGAAAAACAAGCCTCCAATG
GAGCTGGACCTGAAGTCCAGCTCTGAGGACAATAAGCCTGGAAGCGTGTCCGCACAAATTCAGAAGC
```



ACTCCCACTACCCCTCAAGGGAACACAGAGACTACTTTTTGGACCAAGGCTGCTCTTCTCCAGTGTTA
ATCGACTGTCCCAACCAAACTGCAACAAAAAGTACAAGCACATTAACGGCCTGAGGTACCAACAGGCT
CATGCACACTTAGACCCAGAAAACAAGCTGGAGTTCGAGCCTGACAGTGAGGACAAGATCTCGACTGT
GAGGAAGGATTGAGTAATGTGGCACTTGAATGCAGTGAGCCAAGCACAAAGTGTATCTGCTTATGACCAG
TTGAAGGCACCGGCATCCCCTGGTGTGGAACCCACCTGGGACCCCAAGGGAAGAGAGAGCTGATG
AGCAATGGCCAGGTTCCATTATTGGTGTAAAGCTGGGAAGAATTCTGGCAAAAAGAAGGGCCTTAAC
AATGAAGTGAACAACCTTCCAGTAATCTCCAACATGACGGCTGCGTTAGACAGTTGCTCGGCAGCAGAC
GGCAGTTTGGCTGCTGAGATGCCTAACTGGAAGCAGAAGGATTAATTGACAAGAAAAATTTAGGAGAT
AAAGAAAAGGGCAAAAAGCTACCAACTGCAAAACGGACAAAAACCTCTCTAACTGAAAAGTGCCCGG
CCCATTGCCCTGCCAGCCCCACTCCCCCGCAGCTAATCGCTATACCCACTGCAACCTTTACAACG
ACCACCACTGGGACAATACCCGGACTGCCCTCCCTCACAACAAGTGTGTTGTTGAGGTACACCAAGAGT
CCTCCGTTAAAAACCATTCACCAAAAGCCACAATTATGGGAGAGCCATCACCGTGAACCCAGCTCTG
GTGTCACTCAAAGACAAAAAGAAAAGGAGAAGCGAAAGCTAAAGGACAAAGAAGGGAAGAGACGGGA
AGCCCAAAATGGATGCCAAGCTGGGAACTAGAGGACTCCAAGGGGCCAGCAAGATTTACCTGGG
CATTTTTTAAAGGATCATCTCAACAAGATGAAGGGCTGGCAATGGACTGTCGGAGTCTCAGGAGAGC
CGCATGGCCAGTATCAAAGCTGAGCCGATAAGGTTTACACTTTCACAGACAACGCTCCAGCCCTTCC
ATAGGGAGCGCTCGAGGCTGGAATGCAGCACTTTGGTGAACGGGCAGGCACCAATGGCACCTCTGCAT
GTGTTGACCAGAATGGGCGAGAGGTTGAGTGCAAGACAAAGCAGCCCGCCTATTGAGACATATCT
GATGCTGCTGACGATGGTGTCTGACAGCAGGTGGAGGGTATGAGATCAAAGGCCAGTTCCTCATCA
GATATTATTTCTAGTAAGGACAGTGTGTAAAAGGGCATTCTTCAACTACAGCACAATCATCTCACTG
AAAGAGTCCCATTCTCCCTATTACCACAGCTATGATCCTTATTATTCTCCAAGTTACATGCACCTGGG
CAGGTGCGTGCCCTGCAGCTGGAATAGTGGGAGCACGCAGGGAATGAAGTCAAGAAGGAGTCTGAG
GAAGATGCTGAAAAGAAAGACAAGGCAGAGCAGTTAGATTCTAAGAAAGTGACCACAATTTGTCATCC
TTACAGCCTCAGCACCAGTCCGTGATCACACAAAGACATCCTGCCCTGGCTCAGTCACTTTATTATGGC
CAGTATGCATATGGGCTCTATATGGACCAGAAGTCTCTGATGGCCACCAGCCCTGCCTATAGACAGCAG
TATGAGAAGTACTATGAGGACCAGAGGCTGGCAGAGCAGAAAAATGGCCAGACTGGGAGAGGAGACTGT
GAAAGGAAAAGTGAAGTCCCTTGAAGAGCTGGGCAAGGAGGAACTAAACAGAAAAATATGCCATCG
GCCACAATCTCAAAAGCTCCCTCTACTCCGAGCCTAACAAAAACCATTTAACTAGGGCCATCAGTG
CCTAATAAACTGAGGAGACAGGTAATCGCAGCTTCTCTCCAATCACCAGCAGCAGTTTACGGCCGAC
AGCTTCAAAGCTAAGCAGATGGAAAACCAAGCTTATTAAGGAGGCTGTAGAAATGAAGTCTGTCATG
GACTCTATGAAGCAGACAGGTGTAGACCAACCTCGAGATTTAAACAAGACCCAGATTCAAGAACATGG
CATCATTATGTATACCAGCCCAAATATCTGGATCAGCAAAAGTCAGAAGAACTTGATAGAGAGAAGAAA
TTAAAAGAGGATAGTCCGAGGAAAACCTCCTAATAAAGAGAGTGGTGTGCCAGCCTTCTGTATCGTTA
ACAAGCATTAAGAGGAGCCCAAGAGGCCAAGCATCCTGATTCTCAATCAATGGAGGAGAGCAAGCTG
AAAAATGATGATCGAAAGACTCCTGTGAAGTGAAGGACTCTCGGGGAACAAGAGTGGCTGTCTCCTCA
CCCATGAGTCAGCATCAGTCATACATACAGTACTTGATGCTTATCCTTACCCACAGATGTACGACCCC
AGCCATCCTGCATACCGGGCTGTTTCTCCGTCCTAATGCACAGTTATCCTGGGCATATCTCTCTCCA
GGATTTTATTATCTGTTTATGGGAAGATGTCAGGGAGAGAAGAGACAGAGAAAGTCAATACCAGCCCT
AGCGTCAACACGAAAACAACCACTGAATCTAAAGCACTGGATTTGCTCCAGCAGCATGCTAACCAATAC
CGCAGCAAGTCTCCTGCTCCTGTGAAAAGGCTACAGCTGAGCGGGAACGGGAGGCAGAAAGGGAAGG
GATCGCACTCCCTTCGGCCAGCGGCACCTGCACACGCACCACACCCACGTTGGCATGGGTTAC
CCGCTAATCCCGGGTCAATATGACCCTTTTCAAGGCTTGACCTCTGCTGCCCTTGTTGCCTCTCAGCAG
GTGGCTGCCAGGCATCTGCATCTGGAATGTTTCTGGACAAGAAGAGATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_020747

Insert Size:

4539 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_020747.2
RefSeq Size:	5645 bp
RefSeq ORF:	4539 bp
Locus ID:	57507
UniProt ID:	Q9ULD9
Cytogenetics:	5q23.2
MW:	162.2 kDa
Gene Summary:	Transcription factor, which represses ZNF609 transcription.[UniProtKB/Swiss-Prot Function]