

Product datasheet for **SC117968**

ZNF84 (NM_003428) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF84 (NM_003428) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF84
Synonyms:	HPF2
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 SC117968 sequence for NM_003428 edited (data generated by NextGen Sequencing)

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ATGACCATGTTACAGGAGTCATTCTCATTTGACGATTTATCTGTGGACTTCACCCAAAAGGAGTGGCAGC
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Clone variation with respect to NM_003428.5

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003428 unedited
 GGATTTTGTAAATACGACTCACTATAGNNGCGGCCGNNAAATTCGGCACGAGGGCACAG
 NATCCTGGNTCCCTACAAATAAGCCTGCTCATGTGAGATAAGAAAGGAGTTCTTGGGAACC
 AGGAATTCATTCTCAGTGTAGAAGACCTAGCTGAGACCTCACTCCACAGTTTTGGGGCAG
 AAGCAGAAGAGACGCACAGTAGAACCGATCTCAGCCTTGCTGATCATCTCGTACAGCAGC
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 GNAAAATCGTTAGGGGGAGAACTCTATGAATGCAGNTGAAATGTAGGAAGCGCTTCAG
 TAGAAACCCAGTCTCATTAAACATCAGAGCAGACATATAGAGACATAGCCTTGGGCTGGG
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003428 unedited
 TATGGACCGTCGGCCGAATTTANGATCGAGTTTTTTCTTTTTTTTTTAGATGTTTC
 AATAACCAATTTATTCAGTATTTTTAAACTTCACACTTCAAAGTGAACATCTGTCAAC
 CACTTAGAATTGGGTATTTTGGTACCCATGTCTACAAAAAGTGTATGGCTTCCCTTGAC
 AGTACTATACTGAGGGGCAAGTGTCCAGTGTCTTAAATTGTTAGGTTCTCCATAATA
 TGAATTCCTCAAAATACAAATAGTCTCGTTACTTGTTGCACTGTCCCATATTTAGTACT
 TTCATAGAATTCATTCCTAAGAGCATTTTCTTATGTACAATGAAGTGTCAATTTCTTAA
 AATATTGCCTCATTTCCTGATTCATGGGGTTTTCCCTCATCCCAGTGGGAATATTTCT
 AATAGCTTAAGAGACTTGACTTCTGGAAGGCTTTTGGACATTACAGGATTCTTCTTTC
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 AGTCATAGGTTCACTCTACTCTATGAATTATGATCGGCTTTCCATACACCACCTCATTTA
 GAGTTCTCATCTCATGGAGTACAAACCTAACATGACGTGACTGTCTACAAACGTTAT
 CATAATTGCATTTCTGAAGTCCAAGATGATCTGTCAAAGACTACTATTAAGTATTCC
 TAGGATTTTTTTACTGTATGAGTTCTCTGATGATTGATGAGCTGTGACTTCTGTGAGAA
 AGCTTCCACATTCAATGCATCGATAAGCTTCTCTCTGTATGAATTCTCTGATGATAA
 CCAGCTGTGACTTCTGAGAAAAGCCNTTCTACTTCACTGCTNCATAGGGTTCTCACCCGN
 TGTGTCCTTGATGTGGATAAGNGTGACTCCGAAGAAAGCTTGCCCACTCTGTCATCAA
 AGCTCTCTCCGGTGATTTCTGAGATGAGAG

Restriction Sites:

NotI-NotI

ACCN:

NM_003428

Insert Size:

3300 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:	<u>NM_003428.2, NP_003419.2</u>
RefSeq Size:	7040 bp
RefSeq ORF:	2217 bp
Locus ID:	7637
UniProt ID:	<u>P51523</u>
Cytogenetics:	map from Rosati ref via FISH [AFS]
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) differs in the 5' UTR, compared to variant 4. Variants 1, 2, 3, and 4 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.