

Product datasheet for **SC108807**

ZNF471 (NM_020813) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF471 (NM_020813) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF471
Synonyms:	ERP1; Z1971; Zfp78
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_020813, the custom clone sequence may differ by one or more nucleotides

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ATGAATGTTGAAGTAGTAAAAGTCATGCCCCAGGACTTAGTGACATTC AAGGATGTGGCAATAGATTTTT
CCCAGGAAGAATGGCAATGGATGAACCCCTGCTCAGAAGCGTTTATACAGGAGTATGATGTTGGAGAACTA
TCAGAGCCTGGTATCACTTGGTCTTTGCATTTCTAAGCCATATGTGATCTCCTTATTGGAGCAAGGGAGA
GAGCCTTGGGAGATGACGAGTGAGATGACAAGAAGCCATTCTCAGATTGGGAATCTATATATGTGACAC
AGGAATTACCTCTGAAGCAGTTCATGTATGATGATGCATGCATGGAGGGAATTACTAGCTATGGACTTGA
GTGTTCCACTTTTGAAGAAAATTGAAAATGGGAAGACCTTTTTGAGAAGCAGATGGGAAGTCATGAGATG
TTTAGCAAGAAAGAAAATAATCACTCATAAAGAAACCATCACTAAGGAAACAGAATTCAAAATACTAAAT
TTGGGAAATGTATCCATCTGAAAAACATAGAAGAGAGTATTTATAATCACACATCAGATAAAAAAAGCTT
CTCCAAAAATTCTATGGTAATAAAACACAAGAAAGTCTATGTAGGAAAGAAGCTTTTTAAATGTAATGAA
TGTGACAAAACCTTCACCCATAGCTCATCCCTTACTGTTCAATTTAGAATTCATACTGGTAAAAACCAT
ATGCATGTGAGGAATGTGAAAAAGCCTTCAAGCAAAGGCAACACCTTGCTCAACATCACAGAACACATAC
TGGAGAGAAAACCTTTGAATGTAAGAATGTAGGAAAGCCTTCAAACAAAGTGAACACCTTATTCAGCAT
CAAAGAATTCATACTGGAGAAAAACCATATAAATGTAAGGAATGCAGAAAAGCCTTCAGACAGCCTGCAC
ACCTTGCTCAGCATCAGAGAATTCATACTGGAGAGAAAACCTATGAATGTAAGAATGTGGCAAAGCCTT
CAGTGATGGCTCGTCTTTTGGCTCGACATCAGAGATGTCACACTGGCAAAGACCCATGAATGTATTGAG
TGTGGGAAAGGCTTTTAGGTATAACACATCTTTTATTCGCTACTGGAGGAGTTATCATACTGGAGAGAAGC
CTTTAATTGCATTGATTGTGGGAAAGCCTTCAAGTTCACATAGGACTTATTCTGCATAGGAGAATTCAT
TACAGGAGAGAAACCTTACAAATGTGGTGTGTGTGGAAAAACCTTCAGCTCGGTTTCACTCCCGTACTGTA
CATCAGAGAATTCATACAGGAGAGAAACCTTATGAATGTGATATATGTGGGAAAGATTTTAGCCATCATG
CATCACTCACTCAGCATCAAAGAGTACATTTCTGGAGAGAAAACCGTATGAATGCAAGGAATGTGGGAAAGC
CTTTAGGCAGAATGTACACCTTGTAGTCATTTGAGAATTCATACTGGTAAAAACCTATGAATGTAAGA
GAATGTGGAAAAGCTTTTGAATCAGTTCACAGCTGGCTACTCATCAGAGAATTCATACTGGAGAGAAGC
CTTATGAATGTATTGAATGTGGAATGCTTTCAAACAGAGATCACACCTTGCCCAACATCAGAAAACCTCA
TACAGGAGAGAAACCTTATGAGTGAATGAATGCGGGAAAGCCTTCAGCCAAACTCCAATCTTACTCAA
CATCAAAGAATTCATACTGGAGAGAAAACCTATAAATGTACTGAATGTGGAAAGGCTTTTAGTGATAGCT
CATCCTGTGCTCAGCATCAAAGACTCCACACTGGCCAAAGGCCCTATCAGTGTTTTGAATGTGGGAAAGC
GTTCAGAAGAAAGTTATCCTTAATTTGTCATCAAAGAAGTCATACTGGAGAAGAACCTTAA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020813 unedited

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GTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCCAGA
CGAGGCCGGGGCCTTGCCCTCCCAGACACTGTTCTTCAAGAGAAAAGACCAGAAGAGAAGG
CAAAAATGAATGTTGAAGTAGTAAAAGTCATGCCCCAGGACTTAGTGACATTC AAGGATG
TGGCAATAGATTTTTCCAGGAAGAATGGCAATGGATGAACCCTGCTCAGAAGCGTTTAT
ACAGGAGTATGATGTTGGAGAACTATCAGAGCCTGGTATCACTTGGTCTTTGCATTTCTA
AGCCATATGTGATCTCCTTATTGGAGCAAGGGAGAGAGCCTTGGGAGATGACGAGTGAGA
TGACAAGAAGCCATTCTCAGATTGGGAATCTATATATGTGACACAGGAATTACCTCTGA
AGCAGTTCATGTATGATGATGCATGCATGGAGGGAATTACTAGCTATGGACTTGAGTGTT
CCACTTTTGAAGAAAATTGAAAATGGGAAGACCTTTTTGAGAAGCAGATGGGAAGTCATG
AGATGTTTAGCAAGAAAGAAAATAATCACTCATAAAGAAACCATCACTAAGGAAACAGAAT
TCAAATATACTAAATTTGGGAAATGTATCCATCTGAAAAACATAGAAGAGAGATTTATA
ATCACACATCAGATAAAAAAAGCTTCTCCAAAAATTCTATGGGTATAAAACACAAGAAAAG
TCTATGTAGGAAAGAAGCTNTTTAATGTNATGAATGTGACANAACCTTACCCCATAGCTC
ATCCCTTACTGGTCATTNTAGATTACTACTGGTGAANACATATGCATGTGAGGGAAATGT
GAANAGCCTTCAAGCAAAGGCACACCTTGCTCACATCACAGACCATACTGGAGAGAACCT
TNNTGATGTAAGATGTNAGAAAG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_020813 unedited GCTTGCACCGCGCCGCATCTAGTGATCGGTTTTTTTTTTTTTTTTTTTTTTACTACCGGAAC AACTTTACTTGGAAAGTTAGAATAAATCTGTGAACCCACATGTTGAAATAGAACTATATT ATTCAATTTCTCTTTCTCAGTTAAACATTACTGATTTTTTTTTTTACTTGACTAAATAAAG TCTTGTATATATCCCGCAGGAATTCTAATTCTTTGTTCGTTTTATCCAGAGCTATAT AGCCACTTCTTAAAACATGTTCTATTTATCAAGTCATAATTAATCCCTCACCAACAAGG GAACACAGCCTTAATCATGAGACAGCCGCTGCGACGTCTTATTATAATATTAATGTTAA GCATACTACATGTGCTAATCCACCATCTACCTTAAGATACTGTTTCAAGTCACGCTGGTT GCCTGTAATCGCAGCCACTTGAGAATGAGGTGGGAGGCTCACTTGAGCACAGGAGTTTGA GACCACCTGGGCACCATAGAAAGACCCCATTTAAAACCTTTTTTTTTTAGCTTAAAAAAG AACTGTCTTGCCCCCAATTTTTATGACTGCCATACTGCTTTCAAGAATGCACTGTTCAA AAATACCCACATAAATTCTGGAGACTCCTTATCTAACCTCTACTAAGCACTTAGCACGA CGTTGTCATTCTGTTAAGCACTTATGTCCATCCAGCACCCCACTAGAAGTTTTAGAAG TAACCAATTGCACTCTTGAAGCCCTGCGGCTGAAAGGAACCTTGAAGGGACAAAAC ACGCGAACCTAAAATCCCGCTCTCCACCCATGAAGCGCAGCCCTTTTGTCCCGGAGC GGTTCCCTAAACTTCCCGGACTTCTTTTTTCTACTCCCACCTCCCAGGAACGGC TCGATGGCGCACCCACATTTCTT
Restriction Sites:	NotI-NotI
ACCN:	NM_020813
Insert Size:	5130 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_020813.1 , NP_065864.1
RefSeq Size:	4967 bp
RefSeq ORF:	1881 bp
Locus ID:	57573
UniProt ID:	Q9BX82
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]