

Product datasheet for **SC102463**

ZNF770 (NM_014106) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF770 (NM_014106) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF770
Synonyms:	PRO1914
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC102463 sequence for NM_014106 edited (data generated by NextGen Sequencing)

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ATGATGGCTGAAAACAATTTAAAAATGCTAAAGATTCAACAGTGTGTGGTAGCCAACAAA
CTACCTAGAAACAGGCCATATGTTTGCAATATTTGTTTTAAGCACTTTGAAACACCATCA
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TTTAAATGTAGTATTTGTCAGCGTCACCTTTAAAAATCTGAAGACATTTGTGAAGCACAA
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TTACACCCGTGCTCTAAGTCTGATCCCATGTATAGCATGAAAAGAAGAAAGAATATTCAT
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CAAGGGAAAGTGGTTGCCTTAGATTTCGGTTATGTAA
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Clone variation with respect to NM_014106.3
2016 g=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014106 unedited
 GTCAAAATTTGTATACGACTCACTATAGGCGGCCGCAATTCGCACCAGCGGCACCTGGG
 CCTGAGGTGCGTGCCCTCCCGGGCCCTCGCCAGCTCCAGATGCGTGAGGAGGACTTCAGAA
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 CAATCTGTGGCAAGATGTTTCANACAGTCAAACTGATAGGCATGTACTTATTCTACTGG
 TCAGAGGCCTTTNAATGNNGGCTGNGGACCTAAATCTTTCGACAGTCAACTACTTAAAAAN
 CCACAACCTACCATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014106 unedited
 NNTTTTCTTTTGCTATTGACTAAGNNAGNCGGCCGATACNANGATCGNGTTTTTTTTT
 TTTTTTTTGGGAACTTGGGAATTTATTTTTAAAGTATTCTGGAAAATTTCCAAGAATT
 TAACCACCACCTACTTCCCTTAAACACACACATTTTTATCTTACAATTATAACCCCTA
 TTGCAAGTACAAAACAAGAAACAATAATTCTAAGTTAGCCAGCCAATCAAACCTACTTCAGT
 AAATGATCATACTACAGCCTGGAATCACTCAAACAAAAAATCTTCTAGTTCTCTTTAA
 GATATTTATCGTTATTTTTTTCATGAAACCCAAGTAATTGATTCAACAATACTAACAGTT
 CTAGCATGCAACAAACCTACTATCTAATGTTAATCTTCTTAAACATGTATATTTTCA
 TTCCTATAAATTTCCATAAGAAGCTTGAATGACAATAAAGGTAATAAGTACAGTTGTC
 CCTTGGTATCCATGGGGTATTGGTTCCTGGACCGTCCCCCAACCCACAGATACCAAAAA
 TCCAAGTATACTCAAGTCCCTTACATAAAATGACATATTTGTATATAACCAACGCACAT
 CGCCTGGATACCTTTATCCCTAGACTAATACCTAAGGCCATGGAAGGCTATTAAAAAA
 CGGGTAAACGGGAATTTAATTGGGATAAATTTAATTTTTTCCAAAAATTTTGGACCCG
 CAATTGGGTAAACCCACGAGGCCGAATTCCTGGGATCCGGGGGGGCAACTGGTTTTG
 GTTCCGGTCTTTCAAATGCCCTACGGTTCATCTTTGACAAAAATTTTAAACAAAAT
 TCCCCCTTTCAAATGGAAAACCCCTAAAAGGGGCGGGGGTGCACAAATAAAAAGGTT
 AGGGTGGTTCCCCCTCT

Restriction Sites:

NotI-NotI

ACCN:

NM_014106

Insert Size:

4700 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: [NM_014106.2](#), [NP_054825.2](#)

RefSeq Size: 5418 bp

RefSeq ORF: 2076 bp

Locus ID: 54989

UniProt ID: [Q6IQ21](#)

Cytogenetics: 15q14

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]