

Product datasheet for SC114177

ZNF771 (NM_016643) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: ZNF771

Synonyms: DSC43

Mammalian Cell None

Selection:

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC114177 sequence for NM_016643 edited (data generated by NextGen Sequencing)

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ATGCCTGGCGAACAGCAGGCAGAGGAAGAGGAGGAGGAAGAGATGCAGGAGGAGATGGTG
CTGCTGGTGAAGGGTGAGGAGGATGAGGGTGAGGAGAAGTATGAGGTGGTGAACTCAAG
ATCCCCATGGACAACAAGGAGGTCCCGGGCGAGGCGCCCGCGCCGTCCGCCGACCCGGCG
CGTCCCCACGCGTGCCCGACTGCGGCCGCGCCTTCGCGCGCCGCTCCACGCTGGCGAAG
CACGCGCGCACGCACACGGGCGAACGGCCCTTCGGGTGCACCGAGTGCGGGCGGCGCTTC
TCACAGAAGTCGGCGCTGACCAAACACGGCCGACGCACACGGGCGAGCGGCCCTACGAG
TGCCCCGAGTGCGACAACGCTTCTCGGCCGCTCGAACCTGCGGCAGCACCGGCGGCGG
CACACGGGCGAGAAGCCGTACGCATGCGCGCACTGCGGCCGCGCTTCGCGCAGAGCTCC
AACTACGCACAGCACCTGCGCGTGACACGGGCGAGAAGCCGTACGCGTGCCCGGACTGC
GGACGCGCCTTTGGCGGCAGCTCGTGCCTGGCGCGCCACCGACGCACGCACACGGGCGAG
CGGCCCTACGCTTGCGCCGACTGCGGCACGCGCTTCGCTCAGAGCTCGGCGCTGGCCAAG
CACCGGCGCGTGACACGGGCGAGAAGCCGCACCGCTGCGCTGTGTGGCCGTCGCTTC
GGCCACCGCTCCAACCTGGCGGAGCACGCGCGCACGCACACAGGCGAGCGGCCCTACCCC
TGCGCGGAGTGCGGCCGCGCTTCCGCCTAAGCTCGCACTTCATTGCCCACCGACGCGCG
CACATGCGGCGCCGCTGTATATTTGCGCCGGCTGCGGCAGGAGCTTAAGCTGCCCCCT
GGCGCCACGGCCGCCACTGCCACCGAGCGTTGCCCGGAGTGTGAGGGCAGCTGA
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Clone variation with respect to NM_016643.3



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_016643 unedited
 NGGTTACATATTTGTATACGACTCACTATAGGGCGGCCGCGATTCTGGCACGAGGCCTC
 GTGCCGAATTCGGCACGAGGTGGACACCAAGATGCCTGGCGAACAGCAGGCAGAGGAAGA
 GGAGGAGGAAGAGATGCAGGAGGAGATGGTGCTGCTGGTGAAGGGTGAGGAGGATGAGGG
 TGAGGAGAAGTATGAGGTGGTGAAGTCAAGATCCCCATGGACAACAAGGAGGTCCCGGG
 CGAGGCGCCCGCGCGTCCGCCGACCCGGCGCTCCCAACGCGTCCCCGACTGCGGCCG
 CGCCTTCGCGCGCGCTCCACGCTGGCGAAGCACGCGCGCACGACACGGGCGAACGCCC
 CTTCGGGTGCACCGAGTGGCGGCGCGCTTCTACAGAAGTCGGCGCTGACCAACACGG
 CCGCACGCACACGGGCGAGCGGCCCTACGAGTGCCCCGAGTGCGACAAACGCTTCTCGGC
 CGCCTCGAAGCTGCGGCAGCACCGGCGGCGGCACACGGGCGAGAAGCCGTACGCATGCGC
 GCACTGCGGCCCGCGCTTCGCGCAGAGTCCAACTACGCACAGCACCTGCGCGTGACAC
 GGGCGAGAAGCCGTACGCGTGCCCGACTGCGGACGCGCCTTTGGCGGACGCTCGTGCT
 GGCGCGCCACCGACGCACGCACACGGGCGAGCGGCCCTACGCTTGCGCCGACTGCGGCAC
 GCGCTTCGCTCAGAGCTCGGCGCTGGCCAAGCACCGGCGCGTGACACGGGCGAGAAGCC
 GCACCGCTGCGCTGTGTGGCCGTCGCTTCGCCACCGCTCAACCTGGCNGAGCACGCG
 CGCACGCACACAGCGAGCGGCCCTCCCCTGCGCCGAGTGCGGNCGCCGCTTTCGCCTAGC
 TCGCACTT

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_016643 unedited
 CGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGATATAATACTTTATT
 CACTAACACGNGCCGAGGGGAATGTAGTGATGTGGNGTGGGCACTGTTTCCAGGGACC
 CCGGCAGGGGATTCTCCCTGTCTCCAGTTCCAGGGCAGCCGGGCTGCCGTCCCTCAA
 TTTCCAGACCCGAGGCCGGGGCGAGGAGGAGCCTGGGTTAGTGACCCAGGTCGAAGC
 CCCAGCGCGCCCTCCGCAGCCCTGCGGGACTCAGTGCCTCACAACCTCCGGGCAACGCT
 CGGTGGCAGTGGCGGCCGTGGCGCCAGGGGGCAGCTTGAAGTCCCTGCCGCAGCCGGCGC
 AAATATACAGGCGGCGCGCATGTGCGCGCGTCCGTGGCGAATGAAGTGCGAGCTTAGGC
 GGAAGCGGCGGCGCACTCGGCGCAGGGGTAGGGCCGCTCGCTGTGTGCGTGCGCGCGT
 GCTCCGCCAGGTTGGAGCGGTGGCCGAAGCGACGGCCACACACAGCGCAGCGGTGCGGCT
 TCTCGCCCGTGTGCACGCGCCGCTTGGCCAGCGCCGAGCTCTGAGCGAAGCGCGTGC
 CGCAGTCGGCGCAAGCGTAGGGCCGCTCGCCCGTGTGCGTGCGTGCGTGGCGCGCCAGC
 ACGAGTGCCGCCAAAAGCGCTTCGCAGTCCGGGACGCGTACCGCTTCTCGCCCGTGTG
 CACGCGCAGGTGCTGGGCTAATTTGGAGCTCTTGCCGAAGCGGCGGTGCCCATGCGCCC
 ATGCGTACCGGCTTNTTCCCCGTGTGCCGCCGCCGCTGCTGTCCCAAGGCTTTAGGGGGC
 CCACAAAATCGTTTGCCCACTTCGACACTTTTAGGGGCCGTCGCCCGGTGCCGTGCGAC
 ACTGTTTTGTTTACCCCCCTTCTTGTA AAAACCCGCCCACTTGTGCACCCCAAGGGCC
 GCTCCCCC

Restriction Sites:

NotI-NotI

ACCN:

NM_016643

Insert Size:

600 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_016643.1, NP_057727.1</u>
RefSeq Size:	1473 bp
RefSeq ORF:	828 bp
Locus ID:	51333
UniProt ID:	<u>Q7L3S4</u>
Cytogenetics:	16p11.2
Domains:	zf-C2H2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both variants encode the same protein.