

Product datasheet for **RG226922**

ZNF771 (NM_001142305) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF771 (NM_001142305) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF771
Synonyms:	DSC43
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG226922 representing NM_001142305 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGGCGAACAGCAGGCAGAGGAAGAGGAGGAGGAAGAGATGCAGGAGGAGATGGTGCTGCTGGTGA
 AGGGTGAGGAGGATGAGGGTGAGGAGAAGTATGAGGTGGTGAAGTCAAGATCCCATGGACAACAAGGA
 GGTCCCGGGCGAGGCGCCCGCGCCGTCCGCCGACCCGGCGCGTCCCCACGCGTCCCCGACTGCGGCCGC
 GCCTTCGCGCGCCGCTCCACGCTGGCGAAGCACGCGCGCACGACACGGGCGAACGGCCCTTCGGGTGCA
 CCGAGTGCGGGCGCGCTTCTCACAGAAGTCGGCGCTGACCAACACGGCCGCACGCACACGGGCGAGCG
 GCCCTACGAGTGCCCGAGTGCGACAAACGCTTCTCGGCCGCGCTCGAACCTGCGGCAGCACCGGCGCGCG
 CACACGGGCGAGAAGCCGTACGCATGCGCGCACTGCGGCCGCGCTTCGCGCAGAGCTCCAACTACGCAC
 AGCACCTGCGCGTGCACACGGGCGAGAAGCCGTACGCGTGCCCGGACTGCGGACGCGCCTTTGGCGGCAG
 CTCGTGCCTGGCGCGCCACCGACGCACGACACGGGCGAGCGGCCCTACGCTTGCGCCAACTGCGGCACG
 CGCTTCGCTCAGAGCTCGGCGCTGGCCAAGCACCGGCGCGTGCACACGGGCGAGAAGCCGCACCGCTGCG
 CTGTGTGTGGCCGTCGCTTCGGCCACCGCTCCAACCTGGCGGAGCACGCGCGCACGCACAGGCGAGCG
 GCCCTACCCCTGCGCCGAGTGCGGCCGCGCTTCGCCCTAAGCTCGCACTTCATTGCCACCGACGCGCG
 CACATGCGGCGCCGCTGTATATTGCGCCGGTGCAGGAGTCAAGCTGCCCCCTGGCGCCACGG
 CCGCCACTGCCACCGAGCGTTGCCCGAGTGTGAGGGCAGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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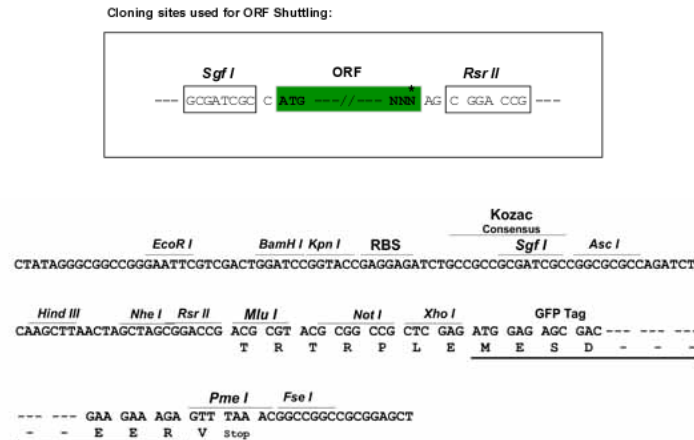
Protein Sequence: >RG226922 representing NM_001142305
 Red=Cloning site Green=Tags(s)

MPGEQQAEEMVLLVKGEDEGEKYEYVVKLKIPMDNKEVPGEAPAPSADPARPHACPDGCR
 AFARRSTLAKHARTHTGERPFGCTECGRRFSQKSALTKHGRHTHTGERPYECPECDKRFSAASNLQHRRR
 HTGEKPYACAHCGRRFAQSSNYAQHLRVHTGEKPYACPDGCGRAFGSSCLARHRRHTHTGERPYACANCGT
 RFAQSSALAKHRRVHTGEKPHRCAVCGRRFGHRSNLAEHARTHTGERPYPCAECGRRFRLSSHFIHRRRA
 HMRRRLYICAGCGRDFKLPPGATAATATERCPECEGS

SGPTRRRLE – GFP Tag – V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_001142305

ORF Size: 951 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001142305.1](#), [NP_001135777.1](#)

RefSeq Size: 1460 bp

RefSeq ORF: 954 bp

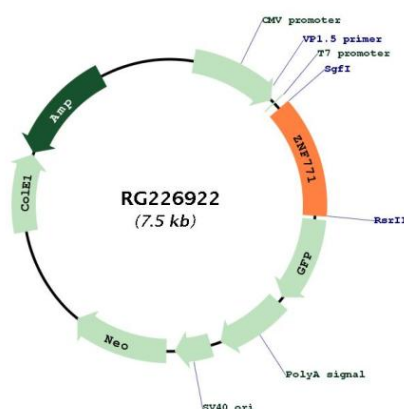
Locus ID: 51333

UniProt ID: [Q7L3S4](#)

Cytogenetics: 16p11.2

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

Product images:



Circular map for RG226922