

Product datasheet for **RC238792**

ZNF75A (NM_001302109) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF75A (NM_001302109) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF75A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC238792 representing NM_001302109
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGATGGTAGATCTGAAAGTGGCTGCGTACTTGGACCCTCAGATCAGGGCTTTGTGGGAGACCAAGG
 GGCTGCAAGAGAGAGCTCCGGTCAGAGTAAAAATCTCCTCAAATGGACTGTCTCGATCCTAAGAGCTC
 TTGCTGGCACTTCCGGAATTTACCTATGATGAAGCAGGTGGACCCCGTGAGGCTGTAGCAAACTTCAA
 GAATTATGTCATCTATGGCTGAAGCCAGAGATCCACTCAAAGAGCAGATACTGGAAGTGTGGTGTGG
 AGCAGTTCCTGACTATTCTGCCAGGGAGACAGACCCAGATGCAGAAGCACCATCCACAGAGCATTGA
 GGAGGCTGTGGCTCTGGTAGAACACTTGCAGAGGGAATCTGGTCAAACATGGAATGGGGTTCAGTCCAT
 GAGCTGGAAAGGAGGCAGTCTTGGGAGAAACAGCAGAGGCCCTCAAGTTTCGGGCTGAAGCCAAACAG
 AGTCCCAACCAGTGGGCGTATCCCAAGATGAAGAATTTTGAATACATACGAGGGTCTGCAAGAACAGCT
 CAGCAGGAATACTATAAAGAGACTGAGCCTGTGTATGAGAGGGTGTGCCTACTCAACAGATTCTAGCT
 TTTCTGAGCAAACAAACACAAAGACTGGACAGTGCACCTGAGCACGCTTGCCTGAGTCCCAGAGCT
 TGGTGACATTTGAAGAAGTGGCCATGTATTTTTCCAGGAAGAATGGGAGTTATTGGATCCCACTCAGAA
 GGCCCTCTACAATGATGTAATGCAGGAAAATATGAGACTGTCATCTCTAGCATTGTTTGTGCTCCCC
 AAACCTAAAGTATCTCCTGTCTAGAGCAAGGGGAAGAGCCATGGGTTCAAGTATCCCCGGAGTTTAAAG
 ATAGTGCCGAAAATCTCCTACAGGGTTAAAGCTCAAAAACGACACTGAAAATCATCAGCCTGTGTCTCT
 TTCTGACTTAGAAATAACAAGCATCAGCAGGCGTCATATCAAAAAGGCCAAAAGTAAAAGTTCCCCAGAAA
 ACAGCAGGCAAAGAAAATCATTTTATGATGCACAGAGTGGGAAAATGGCACCAAGATTTCCAGTGAAGA
 AAAGAAAAGAACTTTCAACCTGGAAAACAAGAGCTGCTCAAACCTTATGGATCGTACAAGAAAGATTGTGC
 AAGAGAGAAGCCTTTTAAATGTCAGGAATGTGGGAAAACCTTCAGAGTTAGCTCTGACCTTATTAAGCAC
 CAAAGAATTCACACTGAAGAGAAAACCTATAAATGTCAACAGTGTGATAAGAGGTTTAGATTGGAGTTCAG
 ATCTTAATAAGCACTTAACAACACACCAAGGAATAAAACCATATAAATGTTTATGGTGTGGGAAAAGCTT
 CAGTCAAATACAAATTTACATACACACCAAGAACTCATACAGGAGAAAAGCCCTTCACATGTCATGAA
 TGTGGAAAAAATTCAGTCAAGACTCCACCTTATTAACACCGGAGAACCCACACAGGTGAGCAGCCAT
 ATACTTGTAGCATATGCAGGAGAACTTCAGCAGGCGGTCAAGCCTTCTTAGACACCAGAACTCCACCT
 G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238792 representing NM_001302109
 Red=Cloning site Green=Tags(s)

MMVDLKVAAAYLDPQIRALWETKGPARESSGQSKKSPQMDCLDPKSSCWHRNFTYDEAGGPRAVSKLQ
 ELCHLWLKPEIHSKEQILELLVLEQFLTILPRETQTMQKHHPQSIIEAVALVEHLQRESGQTWNGVAVH
 ELGKEAVLLGETAEASSFGLKPTESQPVGVSQDEEFWNTYEGLQEQLSRNTHKETEPVYERAVPTQQILA
 FPEQNTNKDWTVTPEHVLPEQSLLTFEEVAMYFSQEEWELLDPTQKALYNDVMQENYETVISLALFVLP
 KPKVISCLEQGEPPWQVSPEFKDSAGKSPTGLKLNNDTENHQPVSLSLEIQASAGVISKKAKVKVPQK
 TAGKENHFDMHRVKGWHQDFPVKKRKLSTWKQELLKMDRHKKDCAREKPFKQCQCGKTFRVSSDLIKH
 QRTHTEEKPYKQCQDKRFRWSSDLNKHLTTHQGKPYKCSWCGKSFQNTNLHTHQRTHTGKPFPTCHE
 CGKFKFSQNSHLIKHRRHTGEPYTCISICRRNFSRRSSLLRHQKLHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

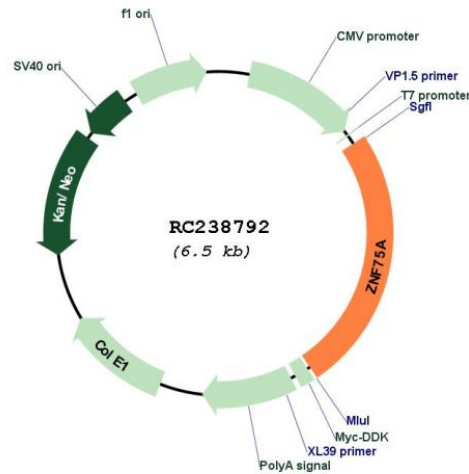
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001302109

ORF Size: 1611 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_001302109.2](#)

RefSeq Size: 2692 bp

RefSeq ORF: 1614 bp

Locus ID: 7627

UniProt ID: [Q96N20](#)

Cytogenetics: 16p13.3

Protein Families: Transcription Factors

MW: 62.6 kDa

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