

Product datasheet for **RG238792**

ZNF75A (NM_001302109) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF75A (NM_001302109) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF75A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238792 representing NM_001302109.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGATGATGGTAGATCTGAAAGTGGCTGCGTACTTGGACCCTCAGATCAGGGCTTTGTGGGAGACCAAG
GGGCCTGCAAGAGAGAGCTCCGGTCAGAGTAAAAATCTCCTCAATGGACTGTCTCGATCCTAAGAGC
TCTTGTGGCACTTCCGGAATTTACCTATGATGAAGCAGGTGGACCCCGTGAGGCTGTAGCAAACTT
CAAGAATTATGTCATCTATGGCTGAAGCCAGAGATCCACTCAAAAGAGCAGATACTGGAAGTCTGGTG
CTGGAGCAGTTCCTGACTATTCTGCCAGGGAGACACAGACCCAGATGCAGAAGCACCATCCACAGAGC
ATTGAGGAGGCTGTGGCTCTGGTAGAACACTTGCAGAGGGAATCTGGTCAAACATGGAATGGGGTTGCA
GTCCATGAGCTGGGAAAGGAGGCAGTGTCTTGGGAGAAAACAGCAGAGGCCTCAAGTTTCGGGCTGAAG
CCAACAGAGTCCCAACCAGTGGGCGTATCCAAGATGAAGAATTTTGAATACATACGAGGGTCTGCAA
GAACAGCTCAGCAGGAATACTCATAAAGAGACTGAGCCTGTGTATGAGAGGGCTGTGCCTACTCAACAG
ATTCTAGCTTTTCTGAGCAAACAAACACCAAAGACTGGACAGTGACACCTGAGCAGCTTTCCTGAG
TCCAGAGCTTGTGACATTTGAAGAAGTGCCATGTATTTTCCAGGAAGAATGGGAGTTATTGGAT
CCCACTCAGAAGGCCCTCTACAATGATGTAATGCAGGAAAATATGAGACTGTACTCTCTAGCATTG
TTTGTGCTCCCCAAACCTAAAGTGTCTCTGTCTAGAGCAAGGGGAAGAGCCATGGGTTCAAGTATCC
CCGGAGTTAAGGATAGTGCCGGAAAAATCTCTACAGGGTTAAAGCTCAAAAACGACACTGAAAAATCAT
CAGCCTGTGTCTTTCTGACTTAGAAAACAAGCATCAGCAGGCGTCATATCAAAAAGGCCAAAGTA
AAAGTTCCCCAGAAAACAGCAGGCAAAGAAAATCATTTTGATATGCACAGAGTGGGAAAATGGCACCAA
GATTTTCCAGTGAAGAAAAGAAAACCTTTCAACCTGGAACAAGAGCTGTCAAACCTTATGGATCGT
CACAAGAAAGATTGTGCAAGAGAGAAGCCTTTTAAATGTCAGGAATGTGGGAAAACCTTCAGAGTTAGC
TCTGACCTTATTAAGCACCAAAGAATTCACACTGAAGAGAAAACCTATAAATGTCAACAGTGTGATAAG
AGGTTTAGATGGAGTTCAGATCTTAATAAGCACTTAACAACACACCAAGGAATAAAACCATATAAATGT
TCATGGTGTGGGAAAAGCTTCAGTCAAAATACAAATTTACATACACACCAAGAAGTATACAGGAGAA
AAGCCCTTACATGTCATGAATGTGAAAAAAATTCAGTCAGAACTCCACCTTATTAACACCGGAGA
ACCCACACAGGTGAGCAGCCATACTTGTAGCATATGCAGGAGAAAACCTCAGCAGGCGGTCAAGCCTT
CTTAGACACCAGAAAACCTCCACCTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238792
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MMVDLKVAAAYLDPQIRALWETKGPARESSGQSKKSPQMDCLDPKSSCWHRNFTYDEAGGPRAVSKL
QELCHLWLKPEIHSKEQILELLVLEQFLTILPRETQTMQKHPQSIIEAVALVEHLQRESGQTNWNGVA
VHELKGEAVLLGETAEASSFGLKPTESQPVGVSQDEEFWNTYEGLQEQLSRNTHKETEPVYERAVPTQQ
ILAFPEQTNTKDWTVPEHVLPEQSLLTFEEVAMYFSQEEWELLDPTQKALYNDVMQENYETVISLAL
FVLPKPKVISCLEQGEPEPWWQVSPFEKDSAGKSPTGLKLNKTENHQPVSLSLEIQASAGVISKKAKV
KVPQKTAGKENHFDHRVGVKWHQDFPVKKRKKLSTWKQELLKMDRHKKDCAREKPFKCCQECGKTFRVS
SDLIKHQRIHTEEKPYKQCCDKRFRWSSDLNKHLLTTHQGIKPKYKCSWCGKFSQNTNLHHTQRTHTGE
KPFTECHCGKKSQNSHLIKHRRHTHTGEQPYTCSIARRNFSRRSSLLRHQKLHL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMFKSAIHPSILQNGGPMFA
FRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


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).

RefSeq: [NM_001302109.2](#)

RefSeq Size: 2692 bp

RefSeq ORF: 1614 bp

Locus ID: 7627

UniProt ID: [Q96N20](#)

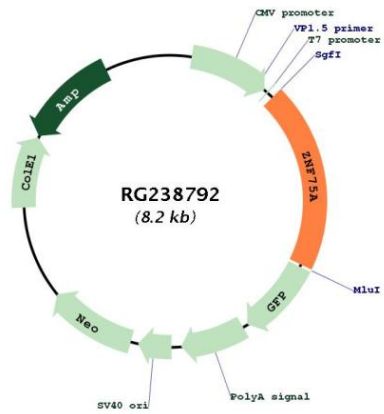
Cytogenetics: 16p13.3

Protein Families: Transcription Factors

MW: 62.6 kDa

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

Product images:



Circular map for RG238792