

Product datasheet for **RG220339**

ZNF75A (NM_153028) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF75A (NM_153028) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF75A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG220339 representing NM_153028 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTATTTTTCCAGGAAGAATGGGAGTTATTGGATCCCACTCAGAAGGCCCTCTACAATGATGTAATGC
AGGAAAATATGAGACTGTCATCTCTAGCATTGTTGTGCTCCCCAACCTAAAGTGATCTCCTGTCT
AGAGCAAGGGGAAGGCCATGGGTTCAAGTATCCCCGGAGTTAAGGATAGTGCCGAAAAATCTCCTACA
GGGTTAAAGCTCAAAAACGACACTGAAAATCATCAGCCTGTGTCTTTCTGACTTAGAAATACAAGCAT
CAGCAGGCGTCATATCAAAAAGGCCAAAGTAAAAGTTCCCAGAAAACAGCAGGCAAGAAAAATCATT
TGATATGCACAGAGTGGGAAAATGGCACCAAGATTTCCAGTGAAGAAAAGAAAAGAACTTTCAACCTGG
AAACAAGAGCTGCTCAAACCTATGGATCGTCACAAGAAAGATTGTGCAAGAGAGAAGCCTTTTAAATGTC
AGGAATGTGGGAAAACCTTCAGAGTTAGCTCTGACCTTATTAAGCACAAAGAATTCACACTGAAGAGAA
ACCCTATAAATGTCAACAGTGTGATAAGAGGTTTAGATGGAGTTCAGATCTTAATAAGCACTTAACAACA
CACCAAGGAATAAAACCATATAAATGTTTCATGGTGTGGGAAAAGCTTCAGTCAAAATACAAATTTACATA
CACACCAAGAAGCTCATAAGGAGAAAAGCCCTTCACATGTCATGAATGTGGAAAAAATTCAGTCAGAA
CTCCACCTTATTAACACCGGAGAACCCACACAGGTGAGCAGCCATATACTTGTAGCATATGCAGGAGA
AACTTCAGCAGGGGTCAAGCCTTCTTAGACACCAGAACTCCACCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG220339 representing NM_153028
Red=Cloning site Green=Tags(s)

MYFSQEEWELLDPTQKALYNDVMQENYETVISLALFVLPKPKVISCLQQGEEPWVQVSPEFKDSAGKSPT
 GLKLNKNDTENHPVSLSDLEIQASAGVISKKAKVKVPQKTAGKENHFDHMRVKGWHQDFPVKKRKKLSTW
 KQELLLKLMDRHKKDCAREKPFKQCQECGKTFRVSSDLIKHQRIHTEEKPYKCQCCDKRFRWSSDLNKLHTT
 HQGIKPYKCSWCGKSFSSQNTNLHHTQRHTTGEKPFPTCHECGKKFSQNSHLIKHRRHTTGEQPYTCSICRR
 NFSRRSSLLRHQKLHL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153028

ORF Size: 888 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_153028.3](#), [NP_694573.1](#)

RefSeq Size: 2072 bp

RefSeq ORF: 891 bp

Locus ID: 7627

UniProt ID: [Q96N20](#)

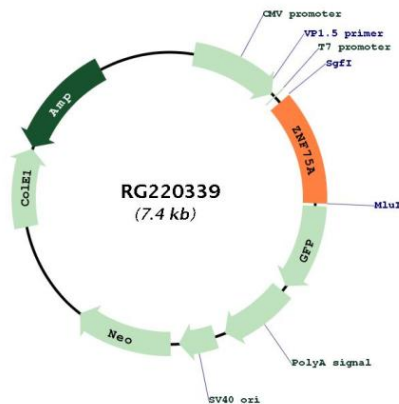
Cytogenetics: 16p13.3

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

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

Product images:



Circular map for RG220339