

Product datasheet for **RG207900**

ZNF96 (ZSCAN12) (NM_001039643) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF96 (ZSCAN12) (NM_001039643) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF96
Synonyms:	dj29K1.2; KIAA0426; ZFP96; ZFP96, ZNF305, ZNF29K1, ZSCAN12, KIAA0426, dj29K1.2; zinc finger and SCAN domain containing 12; zinc finger protein 96; zinc finger protein 305; ZNF29K1; ZNF96; ZNF305
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG207900 representing NM_001039643
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCATCTACTTGGGCTATCCAGGCCACATGGACCAGGATGAACCTTTGGAAGTAAAGATAGAGGAAG
 AGAAATATACCACCAGACAGGATTGGGACCTGCGTAAAAACAACACCCATAGCAGAGAGGCTTCCGTCA
 GTACTTCAGACAGTTCTGCTACCAGGAGACATCTGGTCCCGTGAGGCTTTGAGCCGACTCCGAGAAGT
 TGCCATCAGTGGCTGAGGCCAGAGACCCACACAAAGAACAGATTCTGGAGCTGCTGGTCTGGAGCAGT
 TCCTGACCATCTACCTGAGGAGCTCCAGGCTGGGTGCAGGAGCAGCATCCAGAGAGTGGGAGGAGGT
 GGTGACTGTGCTGGAGGATTTAGAGAGAGAAGTGGATGAACCAGGAGAGCAGGTCTCAGTCCACTGGG
 GAACAGGAAATGTTCTTGCAGGAGACGGTACGTCTACGAAAAGAAGGAGAACCAGTATGTCCTCCAGT
 CCATGAAAGCCAGCCAAAGTATGAATCTCCAGAAGTGAATCCCAACAGGAGCAAGTTTTAGATGTTGA
 GACTGGAATGAGTATGGGAATTTAAAGCAAGAAGTTTCTGAAGAAATGGAACCATGGGAAGACATCC
 AGTAAATTTGAAATGATATGTCCAAGTCTGCTAGGTGTGGAGAACTCGTGAACCTGAAGAAATAACAG
 AAGAGCCCTCTGCTTGTCCAGAGAAGATAAACAACTACCTGTGATGAAATGGAGTAAGCCTGACTGA
 GAACTCTGACCATACTGAACATCAGAGAATCTGTCCAGGAGAAGAATCTTACGGATGTGATGACTGTGGA
 AAAGCTTTTAGTCAGCACTCACACCTCATAGAATCAGAGGATCCATACTGGAGATAGACCCTACAAAT
 GCGAAGAATGTGGAAAAGCTTTCCGTGGGAGAAGTGTGCTTATTCGACACAAAATAATACACTGGAGA
 GAAACCGTATAAGTGAATGAATGTGGCAAAGCCTTTGGCCGGTGGTCACTCTTAACCAACATCAGAGA
 CTTACACAGGAGAAAAACACTACTCTGTAATGACTGTGGCAAAGCCTTTAGTCAGAAAGCAGGCTCT
 TTCACCATCAAGATCCACACAAGAGACAAACCTTATCAGTGCATCAGTGAATAAAAAGTTTTAGTCG
 GCGTTCCATACTTACTCAGCATCAAGGAGTTCATACCGGCCCAAGCCGATGAGTGAACGAGTGTGGA
 AAAGCCTTTGTTTATAACTCATCCCTTGTTCATCAGGAAATCCACCACAAAGAAAAATGCTATCAGT
 GTAAGGAATGTGGGAAATCCTTCAGTCAGAGTGGCCTTATTCAGCATCAGAGAATTCACACTGGGAAAA
 ACCCTACAAATGTGACGTATGTGAAAAAGCCTTTATTCAAAGGACAAGTCTTACAGAATCAGCGAAT
 CACTGGAGAAAGACCCTATAAATGTGATAAGTGTGGGAAGGCGTTTACTCAAAGATCAGTCTCACGG
 AACATCAGAGAATCCACTGGAGAGAGGCCCTACAAGTGTGATGAGTGTGGGAATGCCTCCGAGGAAT
 CACCAGCCTCATTAGCATCAGAGAATCCACTGGGAGAAAGCCCTACCAATGTGATGAGTGTGGAAAA
 GCCTTCAGACAGAGGAAGAAGACCAGCTACAAGGAAATCTTCTGAAAAATCACTCTGAACCCCAAGCTG
 GAGTGAATCTTCTCTGAGCTCTCTCATTCCAGAATGGCAATCTTGTTCAGGAGAGATCTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG207900 representing NM_001039643
 Red=Cloning site Green=Tags(s)

MASTWAIQAHMDQDEPLEVKIEEEKYTTTRQDWDLRKNNTHSREVFRRQYFRQFCYQETSGPREAL SRLREL
 CHQWLRPEHTHKEQILELLVLEQFLTILPEELQAWVQEQHPESGEEVTVLEDLERELDEPGEQVSVHTG
 EQEMFLQETVRLRKEGEPMSLSQSMKAQPKYESPELESQQEQVLDVETGNEYGNLKQEVSEEMEPHGKTS
 SKFENDMSKSARCGETREPEEITEEPSACSREDKQPTCDENGVSLTENS DHTEHQRI CPGEESYGCDDCG
 KAFSQSHLIEHQRIHTGDRPYKCEECGKAFRGRTVLIRHKIHTGEKPYKNECGKAFGRWSALNQHQ
 LHTGEKHHCNDGKAFSQAGLFHHIKIHTRDKPYQCTQCNKSFRRSILTQHQQVHTGAKPYECNECG
 KAFVYNSSLVSHQEIHHKEKCYQCKECSFSQSLIQHQRIHTGEKPYKCDVCEKAFIQRSLTEHQRI
 HTGERPYKCDKCGKAFTQRSVLTEHQRIHTGERPYKCECGNAFRGITSLIHQHQRIHTGEKPYQCECGK
 AFRQRKTSYKEILLKNHSEPQAGVNLSSLIPWQSCFRRDL

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001039643

ORF Size: 1812 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_001039643.1](#), [NP_001034732.1](#)

RefSeq Size: 3931 bp

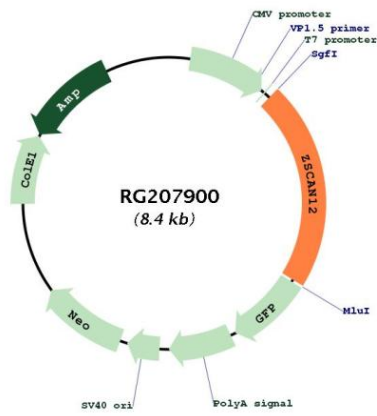
RefSeq ORF: 1814 bp

Locus ID: 9753

Cytogenetics: 6p22.1

Protein Families: Transcription Factors

Product images:



Circular map for RG207900