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Product datasheet for RG222026

ZNF585A (NM_152655) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF585A (NM_152655) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF585A
Synonyms:	Zfp27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>RG222026 representing NM_152655
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAGCTAATTGGACCTCACCTCAGAAATCCTCAGCCCTGGCTCCAGAGGATCATGGCAGCTCCTATG
AGGGATCAGTGTCCTTCAGGGATGTGGCTATCGATTTCAGCAGAGAGGAATGGCGGCACCTGGACCCTTC
TCAGAGAAACCTGTACCGGGATGTGATGCTGGAGACCTACAGCCACCTGCTCTCAGTAGGATATCAAGTT
CCTGAAGCAGAGGTGGTCATGTTGGAGCAAGGAAAGGAACCATGGGCACTGCAGGGTGAGAGGCCACGTC
AGAGCTGCCCAGGAGAGAAATTATGGGACCATAATCAATGTAGAAAAATCCTCAGTTATAAACAAGTATC
CTCTCAACCTCAAAAAATGTATCCTGGGGAGAAAGCTTATGAATGCGCCAAATTTGAAAAGATATTCACC
CAGAAGTCACAGCTCAAAGTACACCTGAAAGTTCTTGCAGGAGAAAAGCTCTATGTATGCATTGAATGTG
GGAAGGCTTTTGTACAGAAGCCAGAATTTATTATACACCAGAAAACCCATATGAGAGAGAAACCCTTTAA
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GAGAAACTCTATGAATGCAGCCAGTGTGGGAAAGGCTTCTCTTATAACTCAGATCTCAGTATACATGAGA
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CAAGATGCATCAGAAAATCCATACAGGCGAGAGATCCTACATCTGTATTGAATGCGGACAGGCCTTCATC
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GAGAAATCTTCCATATGTACTGAGTGTGGGAAGGCCTTTACCTACAGGTCAGAGTTGATTATTCATCAGA
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CAGAAGGCACACTTGATTGCACATCAAATAATTCATACTGGAGAGAAACCTCATAAATGTGGTCACTGTG
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CAATATACATCAGAAAATTCACACTGGAGAGAGACAGTATGAATGCCACGAATGTGGGAAAGCCTTCAAC
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GGAAGGCCTTTACTGACAGGTCCAATTTGAATAAACATCAGACAACACACACTGGAGACAAACCCTACAA
GTGTGGCATCTGTGGGAAAGGCTTCGTTCAGAAATCAGTGTTCAGCATCCATCAGAGCAGCCACGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

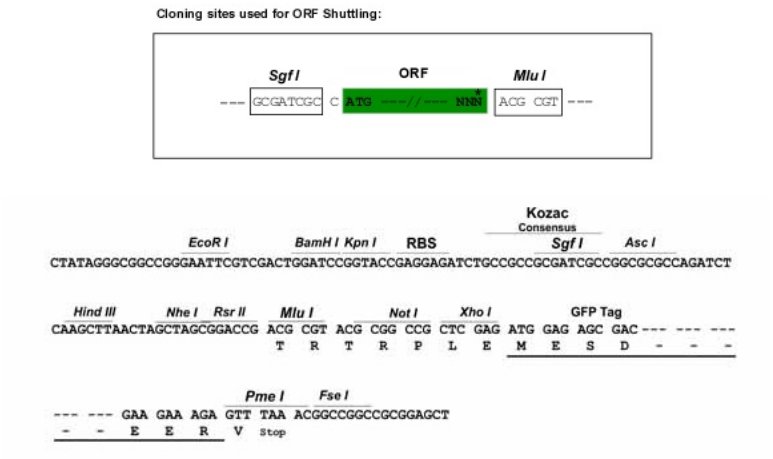
>RG222026 representing NM_152655
Red=Cloning site Green=Tags(s)

MPANWTSPQKSSALAPEDHGSSYEGSVSFRDVAIDFSREEWRHLDPSQRNLYRDVMLETYSHLLSVGYQV
PEAEVVMLEQGKEPWALQGERPRQSCPGEKLWDHNQCRKILSYKQVSSQPQKMYPGEKAYECAKFEKIFT
QKSQLKVHLKVLAGEKLYVCIECGKAFVQKPEFIIHQKTHMREKPFKCNECGKSFFQVSSLFRHQRIHTG
EKLYECSQCGKGFSYNSDLSIHEKIHTGERHHECTDCGKAFTQKSTLKMHQKIHTGERSYICIECGQAFI
QKTHLIAHRRIHTGEKPYECSNCGKSFISKSQLQVHQRVHTRVKPYICTEYGKVFSNNSNLVTHKKVQSR
EKSSICTECGKAFTYRSELIIHQRIHTGEKPYECSDCGKAFTQKSALTVHQRIHTGEKSYICMKCGLAFI
QKAHLIAHQIIHTGEKPHKCGHCGKLFTSKSQLHVHKRIHTGEKPYMCNKCGKAFTNRSNLITHQKTHTG
EKSYICSKCGKAFTQRSDLITHQRIHTGEKPYECNTCGKAFTQKSHLNIHQKIHTGERQYECHECGKAFN
QKSILIVHQKIHTGEKPYVCTECGRAFIRKSNFITHQRIHTGEKPYECSDCGKSFTSKSQLLVHQPVHTG
EKPYVCAECGKAFSGRSNLSKHQKTHTGEKPYICSECGKTFRQKSELITHHRIHTGEKPYECSDCGKSFT
KKSQLQVHQRIHTGEKPYVCAECGKAFTDRSNLNKHQTTHTGDKPYKCGICGKGFVQKSVFSIHQSSHA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152655

ORF Size: 2307 bp

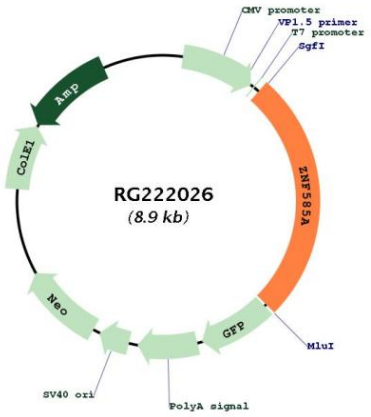
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_152655.2, NP_689868.1
RefSeq Size:	4144 bp
RefSeq ORF:	2145 bp
Locus ID:	199704
UniProt ID:	Q6P3V2
Cytogenetics:	19q13.12
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG222026