

Product datasheet for **RC222026**

ZNF585A (NM_152655) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF585A (NM_152655) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF585A
Synonyms:	Zfp27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC222026 representing NM_152655
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGGAGACCTACAGCCACCTGCTCTCAGTAGGATATCAAGTTCCTGAAGCAGAGGTGGTCATGTTGG
AGCAAGGAAAGGAACCATGGGCACTGCAGGGTGAGAGGCCACGTCAGAGCTGCCAGGAGAGAAATTATG
GGACCATAATCAATGTAGAAAAATCCTCAGTTATAAAACAAGTATCCTCTCAACCTCAAAAAATGTATCCT
GGGAGAAAGCTTATGAATGCGCCAAATTTGAAAAGATATTCACCCAGAAGTCACAGCTCAAAGTACACC
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TTTGAATAAACATCAGACAACACACTGGAGACAAAACCTACAAGTGTGGCATCTGTGGGAAAGGCTTC
GTTCAGAAATCAGTGTTACAGCGTCCATCAGAGCAGCCACGCT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC222026 representing NM_152655
Red=Cloning site Green=Tags(s)

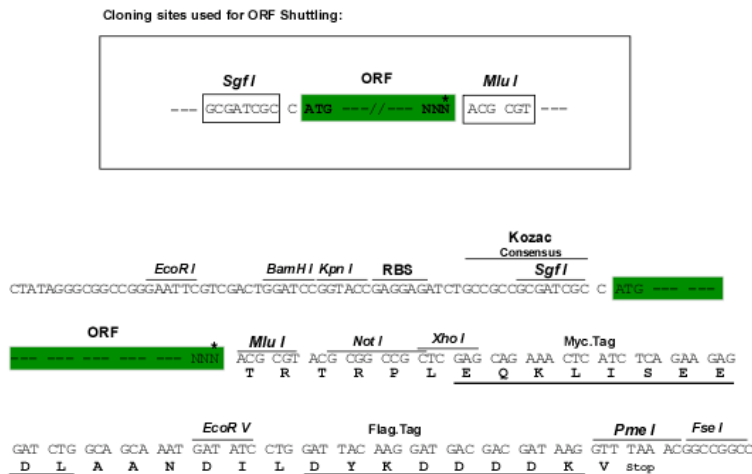
MLETYSHELLSVGYQVPEAEVVMLEQGKEPWALQGERPRQSCPGEKLWDHNQCRKILSYKQVSSQPQKMPY
 GEKAYECAKFEKIFTQKSQLKVHLKVLAGEKLYVCIIECGKAFVQKPEFIIHQKTHMREKPFKCNCECGKSF
 FOVSSLFRHQRIHTGEKLYECSQCGKGFSYNSDLSIHEKIHTGERHHECTDCGKAFQKSTLKMHQKIHT
 GERSYICIECGQAFIQKTHLIAHRRIHTEKPYECSNCGKSFISKSQLQVHQRVHTRVKPYICTEYGVKVF
 SNNSNLVTHKKVQSREKSSICTECGKAFTYRSELIHQRIHTGEKPYECSDCGKAFQKSAITVHQRIHT
 GEKSYICMKCGLAFIQKAHLIAHQIHTGEKPHKCGHCGKLFSTKSQLHVHKRIHTGEKPYMCNKCGKAF
 TNRSNLITHQKTHTEKSYICSKCGKAFQSRDLITHQRIHTGEKPYECNTCGKAFQKSHLNIHQKIHT
 GERQYECHECGKAFNQKILIVHQKIHTGEKPYVCTECGRAFIRKSNFITHQRIHTGEKPYECSDCGKSF
 TSKSQLLVHQPVTGEKPYVCAECGKAFSGRSNLKSHQKTHTEKPYICSECGKTFRQKSELITHHRIHT
 GEKPYECSDCGKSFTKSQLQVHQRIHTGEKPYVCAECGKAFDTRSNLNKHQTTHTGDKPYKCGICGKGF
 VQKSVFSVHQSSHA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8120_b10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

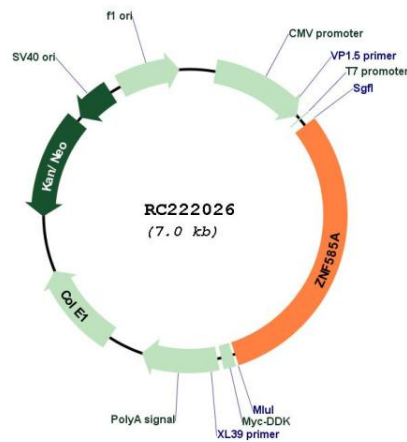
ACCN: NM_152655

ORF Size: 2142 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:	<ol style="list-style-type: none">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_152655.3
RefSeq Size:	6822 bp
RefSeq ORF:	2145 bp
Locus ID:	199704
UniProt ID:	Q6P3V2
Cytogenetics:	19q13.12
Domains:	zf-C2H2
Protein Families:	Transcription Factors
MW:	81.7 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:

Circular map for RC222026