

Product datasheet for RC207695

ZNF584 (NM_173548) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: ZNF584 (NM_173548) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: ZNF584
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RC207695 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCGGGGAGGCGGAGGCTCAGTTGGACCCATCATTGCAGGGCTTGGTGATGTTTGAGGATGTGACGG
 TATATTTCTCCAGGGAGGAGTGGGGCTCCTTAATGTGACCCAGAAGGGCCTATACCGGGATGTGATGCT
 GGAGAACTTTGCACTCGTTAGCTCACTGGGACTTGCACCTTCGAGATCCCCTGTGTTTACCCAGCTGGAG
 GATGATGAACAGTCGTGGGTGCCAGCTGGGTGGATGTGACTCCAGTCAGCAGAGCAGAAGCCAGGAGAG
 GTTTTGGTCTTGATGGTTTGTGTAGAGTGGAGGATGAGAGAGCCCATCCTGAGCATCTAAAGAGCTACAG
 AGTCATCCAGCACCAGGACACTCATAGTGAGGGGAAACCAAGAAGGCACACTGAGCATGGGGCAGCTTTC
 CCACCTGGTTCAGTTGTGGGCAACAGCAAGAAGTCCATGTGGCAGAGAAGCTGTTCAAATGCAGTGACT
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 GAAACAGCCCATGTGTGAATGAATGTGGGAAGGCCTTCAGTTACCCGTCTAAGCTGAGGAAACACCAGA
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 TGTTCACACCAGGAGATTACACTGGAGAAAGGCCTTACGAGTGCAGCAAAATGGTAAACCTTCAGT
 GTTCTGTCTACCTCATTCCGGCACCGGAAAGTGACATTGGAGAAAGGCCTATGAGTGTACAGAATGTG
 GGAAGTTCTTTAAATACAATAATAGCTTCATTCTTACCAGAGAGTTCACACTGGAGAAAGGCCTTTTGA
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 GAACGGCCCTATGAATGTAGCCTGTGTGGGAAACCTTCACTACCAGATCCTACCGCAATCGGCACCAGC
 AGTTCACACTGAAGAGAGGTCTTATGAATGTACAGAGTGTGGGAAGGCCTTCAAACATAGTTCACCCCT
 CCTTCAGCACAAGAAAGTCCATACTCCAGAAAGGCCTCAGGAGGACAGGGCACATGGGAAGGTGTTAGC
 TGC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA



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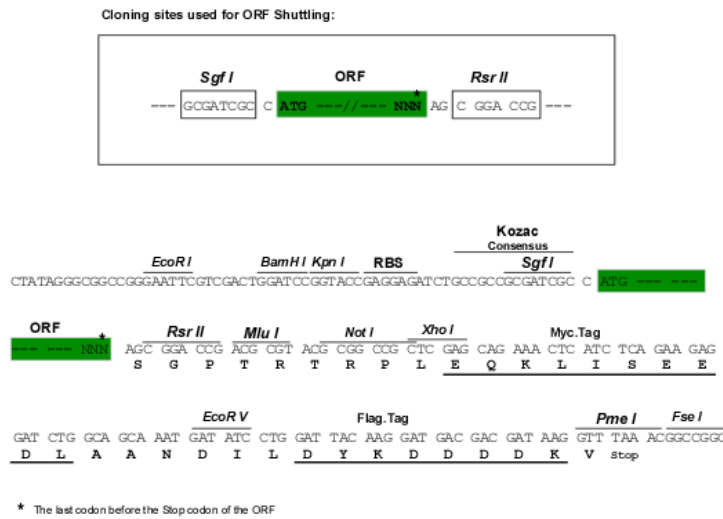
Protein Sequence: >RC207695 protein sequence
 Red=Cloning site Green=Tags(s)

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 DDEQSWVPSWVDVTPVSRAEARRGFGLDGLCRVEDERAHPEHLKSYRVIQHDTHSEGKPRRHEHGAAF
 PPGSSCGQQQEVHVAEKLFKCSDCGKVF LKAFALLDHLIT HSEERPFCRPTGRSAFKKSAHINPRKIHTG
 ETAHVCNECGKAFSYPSKLRKHQKVHTGIKPFKCSDCGKTFNRKDALVLHQRIHTGERPYECSKCGKTF S
 VLSTLIRHRKVHIGERPYECECGKFFKYNNSFILHQRVHTGERPFECKQCGKGYVTRSGLYQHWKVHTG
 ERPYECSL CGKTF TTRS YRNRHQFHT EERSYECTECGKAFKHSSTLLQHKKVHTPERRQEDRAHGKVV S
 C

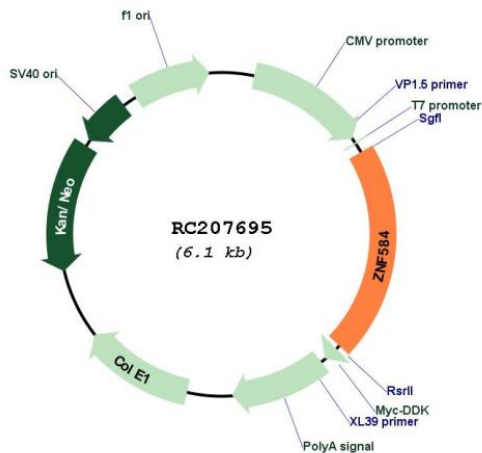
SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN:	NM_173548
ORF Size:	1263 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_173548.3
RefSeq Size:	2293 bp
RefSeq ORF:	1266 bp
Locus ID:	201514
UniProt ID:	Q8IVC4
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors
MW:	48.3 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]