

Product datasheet for **RG204831**

ZNF20 (NM_021143) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF20
Synonyms:	KOX13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG204831 representing NM_021143
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATGTTTCAGGATTCAGTGGCCTTTGAGGATGTGGCTGTACGCTTCACCCAGGAGGAGTGGGCTTTGC
 TGGATCCTTCCCAGAAGAATCTCTACAGGATGTGATGCAGGAAACCTTCAAGAACCTGACCTCTGTAGG
 AAAACATGGAAGTTCAGAACATTGAAGATGAGTACAAAAATCCAGGAGAAATCTAAGTCTTATGAGA
 GAGAACTCTGTGAAAGTAAAGAAAGTATCACTGTGGAGAAAGCTTCAACCAGATTGCAGATGACATGC
 TGAACAGGAAACTCTTCTGGAATAACACCATGTGAAAGCAGTGTGTGGAGAAAGTTGGCAGGGTCA
 TTCATCTCTTAATACGCATATCAGAGCTGACACTGGACACAAGTCATCTGAGTATCAGGAATATGGAGAG
 AATCCATATAGAAATAAGGAATGTAAGAAAGCCTTCAGTTATCTTGACTCCTTCAATCAGATGATAAAG
 CTTGCACTAAAGAGAAACCTATGATGGTAAAGAAATGTACAGAAACCTTCATTTCCATTTCATGCATTCA
 AAGACACAGGGTAAATGCACAGTGGAGATGGACCTTATAAATGTAAGTTTGTGGGAAAGCCTTCTATTTT
 CTCAATTTATGTCTTATCCATGAACGAATTCACACTGGTGTGAAACCATATAAGTGTAAACAATGTGGTA
 AGGCCTTTACTCGTTCCACTACCCTTCCAGTACATGAAAGAACTCACACAGGAGTGAATGCCGATGAATG
 TAAAGAATGTGGGAATGCATTCAGTTTTCTAGTGAATTCGTAGACATAAAAGGTCTCACACTGGAGAA
 AAACCTATGAGTGAAGCAATGTGGGAAAGTCTTCATTTCTTCAGTTCCATTTCAGTATCATAAGATGA
 CTCACACTGGAGAGAAACCTATGAATGTAAGCAGTGTGGGAAAGCCTTTAGATGTGGCTCACACCTTCA
 AAAGCATGGAAGGACTCACACTGGAGAGAAACCTATGAATGTAGGCAATGTGGTAAAGCCTTCAGATGT
 ACCTCGGACCTTCAAAGGCATGAAAGACACACTGAGGATAAACCTATGGATGTAAGCAGTGTGGGA
 AAGGCTTTAGATGTGCTTCAAACTTCAAATTCATGAAAGGACGCACAGTGGAGAGAAACCCATGAATG
 TAAGGAATGTGGAAAAGTATTCAAGTATTTTCTTCTTGGTATACATGAAAGGACGCACACTGGAGAG
 AAGCCCATGAATGTAAGCAATGTGGAAAAGCATTAGGTATTTCTTCTTGCATATACATGAAAGGA
 CACACACTGGAGATAAGCCATATGAGTGTAAAGTATGTGGCAAAGCCTTCATTGTTCAGTTCCATTCC
 ATATCATGAAAGGACTCACACTGGAGAGAAACCTATGAATGTAAGCAATGTGGTAAAGCCTTTATTTCC
 AATTACATTGGATATCATGAAAGGACTCACACTGGAGAGAAACCTATCAATGCAAGCAATGTGGCAAAG
 CCTTTATTCGTGCCAGTTCATGTCGAGAACATGAAAGAACTCATACCATTAAATAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG204831 representing NM_021143
 Red=Cloning site Green=Tags(s)

MMFQDSVAFEDVAVSFTQEEWALLDPSQKNLYRDVMQETFKNLTSVGKTWKVQNIIEDEYKNPRRNL
 EKLCEKSHHCGESFNQIADMLNRKTLPGITPCESSVCGEVGTGHSSLNTHIRADTGHKSSEYQEYGE
 NPYRNKECKKAFSYLDSFQSHDKACTKEKPYDGKECTETFISHSCIQRHRVMHSGDGPYKCKFCGKAFYF
 LNLCLIERIHTGVKPYKCKQCGKAFTRSTTLPVHERHTHTGVNADECKECCGNAFSFPSEIRRHKRSHTGE
 KPYECKQCGKVFISFSSIQYHKMHTGKPYECKQCGKAFRCGSHLQKHGRHTHTGKPYECKQCGKAFRC
 TSDLQRHEKTHTEKPYGCKQCGKGFRCASQLQIHERTHSGEKPHECKEKGKVFYFSSLRIHERHTHTGE
 KPHECKQCGKAFRYFSSLHIHERHTHTGDKPYECKVCGKAFTCSSSIRYHERHTHTGKPYECKHCGKAFIS
 NYIRYHERHTHTGKPYQCKQCGKAFIRASSCREHERHTINR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_021143

ORF Size: 1596 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:

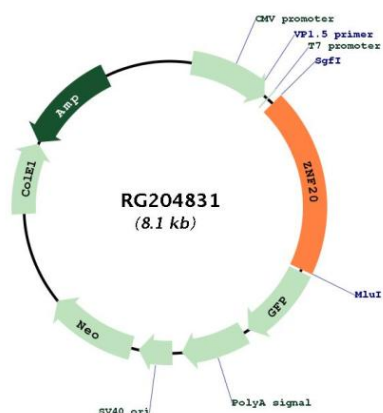
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_021143.4](#)

RefSeq Size: 2341 bp

RefSeq ORF:	1599 bp
Locus ID:	7568
UniProt ID:	P17024
Cytogenetics:	19p13.2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG204831