

Product datasheet for **SC313905**

ZNF20 (NM_021143) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF20
Synonyms:	KOX13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC313905 representing NM_021143.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGTTTCAGGATTCAGTGGCCTTTGAGGATGTGGCTGTCAGCTTCACCCAGGAGGAGTGGGCTTTG
CTGGATCCTTCCCAGAAGAATCTCTACAGGGATGTGATGCAGGAAACCTCAAGAACCTGACCTCTGTA
GGAAAAACATGGAAGTTTCAAGACATTGAAGATGAGTACAAAAATCCAGGAGAAATCTAAGTCTTATG
AGAGAGAAACTCTGTGAAAGTAAAGAAAGTCATCACTGTGGAGAAAGCTTCAACCAGATTGCAGATGAC
ATGTGTAACAGGAAACCTCTTCTGGAATAACACCATGTGAAAGCAGTGTGTGTGGAGAAAGTTGGCAGC
GGTCATTCATCTCTTAATACGCATATCAGAGCTGACACTGGACACAAGTCATCTGAGTATCAGGAATAT
GGAGAGAATCCATATAGAAATAGGAATGTAAAGAAAGCCTTCAGTTATCTTGACTCCTTTCAATCACAT
GATAAGCTTGCACTAAAGAGAAACCTATGATGGTAAAGAATGTACAGAAACCTTCATTTCCATTCA
TGCATTCAAAGACACAGGTAATGCACAGTGGAGATGGACCTTATAAATGTAAGTTTTGTGGGAAAGCC
TTCTATTTTCTCAATTTATGTCTTATCCATGAACGAATTCACACTGGTGTGAAACCATATAAGTGTAAA
CAATGTGGTAAGGCCTTTACTCGTTCCACTACCCTTCCAGTACATGAAAGAACTCACACAGGAGTGAAT
GCCGATGAATGTAAGAATGTGGGAATGCATTCAGTTTTCTAGTGAATTCGTAGACATAAAAGGTCT
CACACTGGAGAAAAACCTATGAGTGTAAAGCAATGTGGGAAAGTCTTCATTTCTTCAGTTCATTTCAG
TATCATAAGATGACTCACACTGGAGAGAAACCTATGAATGTAAGCAGTGTGGGAAAGCCTTTAGATGT
GGCTCACACCTTCAAAGCATGGAAGGACTCACACTGGAGAGAAACCTATGAATGTAGGCAATGTGGT
AAAGCCTTCAGATGTACCTCGACCTTCAAAGGCATGAAAAGACACACACTGAGGATAAACCTATGGA
TGTAAGCAGTGTGGGAAAGGCTTTAGATGTGCTTCACAACCTCAAATTCATGAAAGGACGCACAGTGGA
GAGAAACCCATGAATGTAAGGAATGTGGAAGTATTCAAGTATTTTCTCCTTGCGTATACATGAA
AGGACGCACACTGGAGAGAAAGCCCATGAATGTAAGCAATGTGGAAAGCATTAGGTATTTCTCTTCC
TTGCATATACATGAAAGGACACACACTGGAGATAAGCCATATGAGTGTAAAGGTATGTGGCAAAGCCTTC
ACTTGTTCAGTTCATTCGATATCATGAAAGGACTCACACTGGAGAGAAACCTATGAATGTAAGCAC
TGTGGTAAGGCCTTTATTTCAATTACATTCGATATCATGAAAGGACTCACACTGGAGAGAAACCTAT
CAATGCAAGCAATGTGGCAAGCCTTTATTCGTGCCAGTTCATGTGAGAACATGAAAGAACTCATACC
ATTAATAGATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCGCCG
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Restriction Sites:

SgfI-MluI

ACCN:

NM_021143

Insert Size:

1599 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_021143.3</u>
RefSeq Size:	3077 bp
RefSeq ORF:	1599 bp
Locus ID:	7568
UniProt ID:	<u>P17024</u>
Cytogenetics:	19p13.2
Protein Families:	Transcription Factors
MW:	61.6 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.