

Product datasheet for **RC219936**

ZNF586 (NM_001077426) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: ZNF586 (NM_001077426) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: ZNF586
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RC219936 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCAGCAGCCGCTCTGAGGGCGCCTGCTCAGGTTGTTGGCATGGAGGGGAAGATGAGGCAGCACC
 TTCTAAGCAGAGCACGTGTATACATATATACAAAGACCAGGGAGGTCATAGTGGAGAAAGGCCTTATGAG
 TGTGGGGAATATAGGAAATTTAAGAACAAGTCCTGCCTCACTGAACCCAGAAGAGATCACAACACA
 GGAATGTTGCGACTGGAGAAAGGCCTTATGAGTGCAGCAAATATGGGAAATTTTACCAAAAAGCCTAC
 ACTCCATTTTCATGAGAGATTTTCATACTGGGCAAAGACCTATGAGTGCAGTGAGTGTGGAAAATCATT
 CACCAAAGCTCTTCACTCTTGCAGCGTCAGACACTTACACTAGAGAAAGGCCTTATGAGTGTATTGAAT
 GTGGGAAAGCCTTTGCTGAAAAGTCCAGTCTCATTAAACCACAGGAAAGTTCAGTCTGGAGCAAAGCGTTA
 TGAATGCAATGAATGTGGGAAAGTCTTTGCTTATACATCTAGTCTCATTAAACACAGGAGGATTCACACT
 GGAGAGAGGCCTTATGAGTGCAGTGAATGTGGGAGATCCTTTGCTGAAAAGTCCAGTCTTATTAACACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC219936 protein sequence
 Red=Cloning site Green=Tags(s)

MAAAAALRAPAQVVGMEGKMRQHLLSRARVYIYTKTREVIVEKGLMSVGNIGNYLRTSPASLNPEEITNT
 GMFALEKGLMSAANMGNYFTKSLHSIFMRDFILGKRPMASVSVENHFTKALHSCSVRHFTLEKGLMSVLN
 VGKPLLKSPVSLTTGKFTLEQSVNMAMNVGSPLLIHLVSLNTGGFTLERGLMSAVNVGDPLLKTPVLLNT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6443_d06.zip



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001077426

ORF Size: 630 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.

RefSeq: [NM_001077426.2](#)

RefSeq Size: 2108 bp

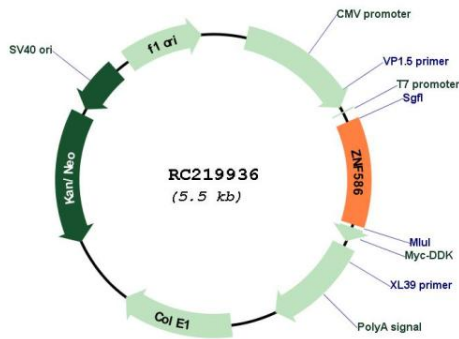
RefSeq ORF: 633 bp

Locus ID: 54807

UniProt ID: [Q9NXT0](#)

Cytogenetics: 19q13.43
 Protein Families: Transcription Factors
 MW: 22.8 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC219936