

## Product datasheet for **RC204294**

### ZNF688 (NM\_145271) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF688 (NM_145271) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF688
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204294 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCCGCCCCAGCCCCGCTCCTGGCGCCGAGGCCCGGGGAGACCCGGCCTGGTTGCAGGAAGCCCC  
GGACTGTGAGCTTCGCGGACGTGGCCGTGACTTCTCCCCGAGGAGTGGGGCTGTCTGCGGCCCGCGCA  
GAGGGCTCTGTACCGGGACGTGATGCAGGAGACCTACGGCCACCTGGGCGCGCTCGGATCCCAGGCCCC  
AAACCAGCCCTCATCTCTTGGATGGAACAGGAGAGTGAGGCTTGGAGCCCCCGCCAGGATCCTGAGA  
AGGGGAAAGACTGGGAGGAGCTCGGAGAGGAGATGTCCAAACAGGAAGGAAGAGAACCGGAGGAAT  
CCCAAGAGCCAAAGGGCCTAGAAAGGCTCCTGTGAAGGAGAGTCCTGAAGTGCTGGTGAACGCAACCTT  
GACCCAGCTATTAGCGTGGCCCCGGCACGGGCACAGCCACCCAAAAATGCTGCCTGGGACCCGACCACAG  
GAGCACAGCCCCCGCACCCATACCCAGCATGGATGCTCAGGCCGGCCAGCGGCGCCACGTGTGCACGGA  
CTGCGGCCCGCGTTACCTACCCTCACTGCTGGTCAGCCACAGGCGCATGCACTCGGGGGAGCGGCCCT  
TCCCCTGCCCGAGTGTGGCATGCGCTTCAAGAGGAAGTTCGAGTGAAGCGCACCAAGTGGATCCACC  
GCTCCTGCTCCGGGGGGCGGGGGCCGGAGGCCTGGGATCCGGGCTGTGCTCGGGCCCCCGTCCGAGG  
TGACCGGGACCCGCTGTGCTCTCCGGCACTACCCAGACATCTTCGAGGAGTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_145271.3](#), [NP\\_660314.1](#)

**RefSeq Size:** 1839 bp

**RefSeq ORF:** 831 bp

**Locus ID:** 146542

**UniProt ID:** [P0C7X2](#)

**Cytogenetics:** 16p11.2

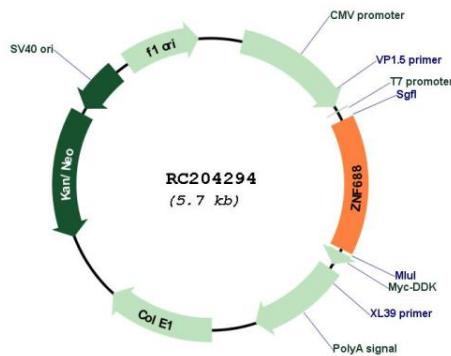
**Domains:** KRAB, zf-C2H2

**Protein Families:** Transcription Factors

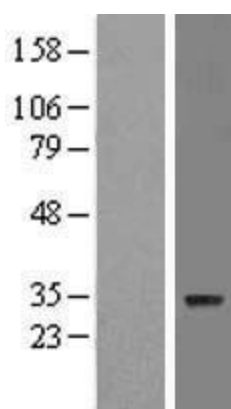
**MW:** 30.6 kDa

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC204294



Western blot validation of overexpression lysate (Cat# [LY407996]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204294 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).