

Product datasheet for **SC302294**

ZNF688 (NM_001024683) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF688 (NM_001024683) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF688
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC302294 representing NM_001024683.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

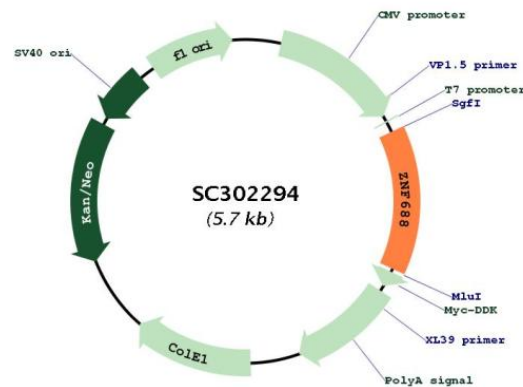
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGAGGTCTCCGCTGCGCTCCAGTCTGTCAACAGAGGCTTCAGGACCGGGGTCCCTTCAAATGC
CCCGCCAGTCCCAGGCCAATCACCGCGCAGCTTCTCCGGGATCGTCGCCAATCATCGGCCGTTGCGTA
TTGCGGGTACAGAGGGGATTCCCAGGCCCAAACCAGCCCTCATCTTTGGATGGAACAGGAGAGTGAG
GCTTGGAGCCCCGCCAGGATCCTGAGAAGGGGAAAGACTGGGAGGAGCTCGGAGAGGAGATGTC
CCAAACAGGAAGGAAGAGGAACCGGAGGAAGTCCAAGAGCCAAAGGGCCTAGAAAGCTCCTGTGAAG
GAGAGTCTGAAGTCTGGTGGAAACGCAACCCTGACCCAGCTATTAGCGTGGCCCCGGCACGGGCACAG
CCACCCAAAATGCTGCCTGGGACCCGACCACAGGAGCACAGCCCCGGCACCCATACCCAGCATGGAT
GCTCAGGCCGGCCAGCGGCGCCACGTGTGCACGGACTGCGGCCGCGCTTACCTACCCCTCACTGCTG
GTCAGCCACAGGCGCATGCACTCGGGGAGCGGCCTTCCCTGCCCGAGTGTGGCATGCGCTTCAAG
AGGAAGTTCGCAGTGGAAGCGCACCAAGTGGATCCACCGCTCCTGCTCCGGGGGGCGGGGGCCGGAGG
CCTGGGATCCGGGCTGTGCTCGGGCCCCGTCCGAGGTACCGGGACCCGCTGTGCTTCCGGCAC
TACCCAGACATCTCGAGGAGTGCAGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
```

Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001024683

Insert Size: 789 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.

RefSeq: [NM_001024683.1](#)

RefSeq Size:	1151 bp
RefSeq ORF:	789 bp
Locus ID:	146542
UniProt ID:	<u>P0C7X2</u>
Cytogenetics:	16p11.2
Protein Families:	Transcription Factors
MW:	28.9 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in a shorter protein (isoform 2).