

Product datasheet for **RC208473**

ZNF599 (NM_001007247) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF599 (NM_001007247) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF599
Synonyms:	zinc finger protein 599
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC208473 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTGGAGACCTGCAGGCTCCTGGTCTCACTGGGGCATCCTGTTCCCAAACCAGAGCTGATCTATCTAC
 TGGACATGGACAGGAAGTGTGGACAGTGAAGAGAGGCCCTCTCCAAAGCACCTGCGCAGGTGAAAAAGC
 AAAACCCAAGATTACAGAGCCTACTGCTTCTCAGCTGGCCTTCTCTGAGGAATCCTCTTTCCAGGAAGT
 CTGGCAGAGATCCTCAAGAGATTCCAGGTTGGGGCAAGCTAGAGATGAGGAAAAGCTAATAAAAAATTC
 AGGAAGGGAAGTGTAGGCCAGGAACAAACCCCAAGAGATATGCCCTGAGAAGTTGAGTTATAAACA
 TGATGATTTGGAGCCAGATGATAGTCTGGGCTTAAGGGTTTTACAGGAACGAGTCACTCCACAAGATGCT
 CTCCATGAGTGTGACTCTCAAGGACCAGGAAAAGACCCCATGACTGATGCAAGGAATAACCCTTACACAT
 GCACGGAATGTGGGAAAGGGTTTAGCAAGAAGTGGGCCCTTGTTCGGCATCAACAGATTCATGCTGGAGT
 GAAGCCCTATGAGTGCAATGAGTGTGGGAAAGCCTGTCGTTATATGGCTGATGTCATTGACATATGAGG
 CTTCACTACTGGGAAAAACCATACAAGTGATTGAGTGTGGGAAAGCCTTCAAACGAGGTTTCACCTCA
 CGGAGCACCAGCGTATTCACACCGGAGATAAGCCCTATGAGTGCAAGAATGTGGCAAAGCATTCACCCA
 CCGCTCTTCTTTATCCAGCATAATATGACTCACACTCGAGAAAAACCCCTTTTATGCAAAGAATGTGGG
 AAAGCTTTTTACTACAGCTCCTCATTTGCTCAACATATGAGGATTCATACTGGAAAGAACTCTATGAGT
 GCGGTGAATGTGGAAAGGCCCTTACGCACCGCTCCACATTTATCCAGCACAATGTGACCCACACAGGAGA
 AAAACCATTTTTATGTAAGAATGTGGAAAAACCTTTGCCTCACTCATCCTTCACTCAGCACATGAGG
 ATTCACACTGGAGAGAAACCTATGAGTGGGTGAATGTGGAAAGGCCCTTACTCATCGCTCCACTTTCA
 TCCGACATAAGAGGACCCATACCGGAGAGAAAGCCCTTTGAGTGCAAGAATGTGGGAAAGGCCCTTTGTGA
 CAGCTCTTCTTAATTCAACATATGAGGATTCACACTGGTGAGAAAGCCTTATGAGTGCAAGTGAATGTGGA
 AAGACTTTTACACACCACTCTGTTTTTATTCGACATAATAGGACCCACAGTGGACAAAAACCCCTTGAGT
 GCAAAGAATGTGCAAAGCCCTTTACTATAGCTCTTCTTCACTCGACACATGAGGATTCACACTGGAGA
 GAAGCCCTATGTTGTAGAGAATGTGGAAAGGCTTTACCCAACCTGCAAATTTTGTTCGCATAATAGG
 ATCCACACTGGAGAAAAACCTTTGAATGCAAAGAATGTGAGAAAGCCTTCTGTGACAACTTTGCTTTAA
 CTCAGCACATGAGAACTCACACTGGAGAGAAACCCCTTTGAATGCAATGAATGTGGAAAGACCTTCAGCCA
 CAGTTCATCGTTCACCTACCATCGAAAGATTCATACCAGAGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208473 protein sequence
 Red=Cloning site Green=Tags(s)

MLETCRLLVSLGHPVPKPELIYLLHGHQELWTVKRLSQSTCAGEKAKPKITEPTASQLAFSEESSFQEL
 LAQRSSRDSRLGQARDEEKLIIQEGNLRPGTNPHKEICPEKLSYKHDDLEPDDSLGLRVLQERVTPQDA
 LHECDSQGPCKDPMTDARNNPYTCTECGKGFSSKWALVRHQQIHAGVKPYECNECGKACRYMADVIRHMR
 LHTGEKPYKIECGKAFKRRFHLTEHQRIHTGDKPYECKECGKAFTHRSSFIQHNMTHTREKPFCKECCG
 KAFYYSSFAQHMRHTGKLYECGECGKAFTHRSTFIQHNVTHTGEKPFCKECCGKTFCLNSSFTQHMR
 IHTGEKPYECGECGKAFTHRSTFIRHKRHTHTGEKPFCKECCGKAFCDSSSLIQHMRHTHTGEKPYECSECG
 KTFTHSVFIRHNRTHSGQKPLECKECAFYYSSFTRHMRHTHTGEKPYVCRECGKAFQPANFVRHNR
 IHTGEKPFCKECCGKAFCDNFALTQHMRHTHTGEKPFCEKNECGKTFSSSSFTHHRKIHTRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

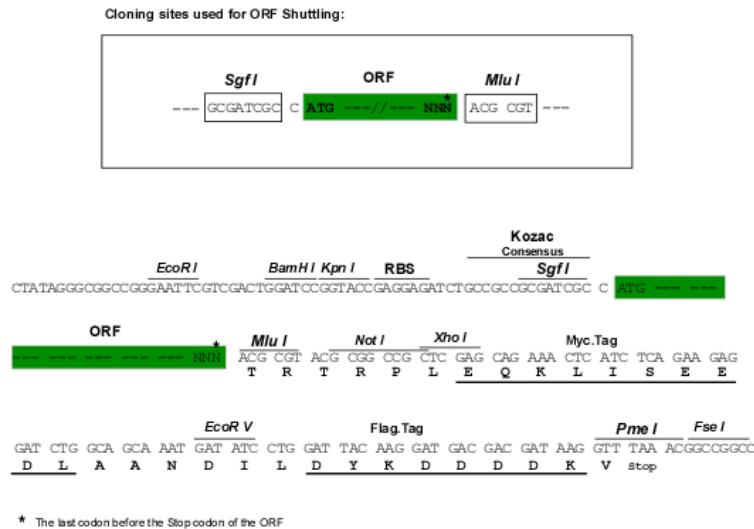
Chromatograms:

https://cdn.origene.com/chromatograms/mk6545_e06.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001007247

ORF Size: 1653 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_001007247.1](#), [NP_001007248.1](#)

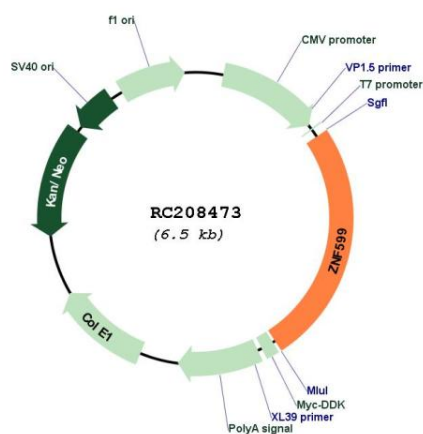
RefSeq Size: 3265 bp

RefSeq ORF: 1655 bp

Locus ID: 148103

Cytogenetics: 19q13.11
MW: 63.4 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC208473