

Product datasheet for **RC215032**

ZNF578 (NM_001099694) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF578 (NM_001099694) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF578
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC215032 representing NM_001099694
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTTACATGAGGAAGCAGCTCAGAAGAGGAAAGGAAAGGAGCCAGGCATGGCTCTTCTCAGGGACGCT
 TGACTTTTCAGGGATGTGGCTATAGAATTCATTGGCAGAGTGGAAATTCCTGAACCTGCGCAGAGGGC
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 ACCTTACAAATGTAAGGTTTGTGACAAGGCTTTCATGTGCCATTCTATCTGGCAAACCATAGTAATT
 CATAGCGGAGAGAAACCTTACAAGTGAATGAGTGTGGTAAGGCTCACAATCACTTGATTGATTCATCAA
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Protein Sequence:

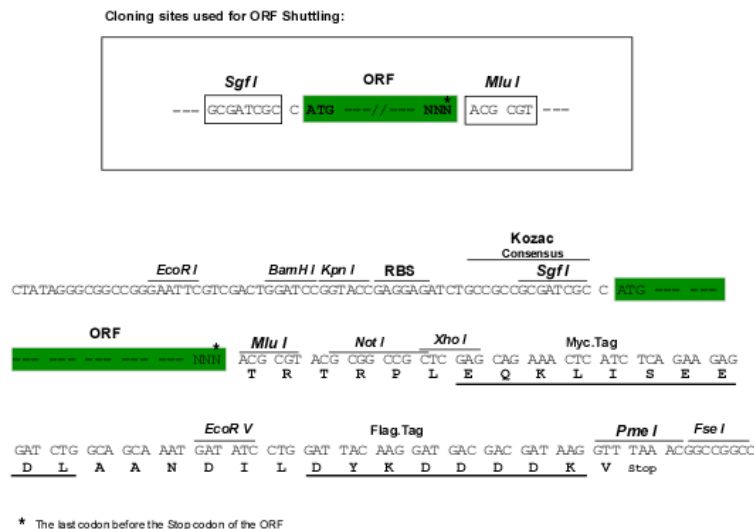
>RC215032 representing NM_001099694
 Red=Cloning site Green=Tags(s)

MLHEEAAQKRKGKEPGMALPQGRLTFRDVAIEFSLAEWKFLNPAQRALYREVMLENYRNLEAVDISSKRM
 MKEVLSTGQGNTEVIHTGMLQRHESYHTGDFCFQIEKDIHDFEFQSQKDERNGHEASMPKIKELMGSTD
 RHDQRHAGNKPIKDQLGLSFHLHLPHELHIFQPEEKIANQVEKSVNDASSISTSQRISCRPETHTPNNYGN
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 HTSEKPYKCNECGKSFYSKSLTCHRRCHTGEKPYKCNECGKSFYSKSLTCHRRCHTGEKPYKCNECGK
 SFSYKSSLRCHRLHTGIKPYKCNECGKMFQNSTLVIHKAHTGEKPYKCNECGKAFNQSHLSRHRL
 HTGEKPYKCNDGKAFIHQSSLARHRLHTGEKSYKCEECDFVFSQKSNLERHKIHTGEKPYKCNECHK
 TFSHRSSLPCHRLHSGEKPYKCNECGKTFNVQSHLSRHRLHTGEKPYCKVCDKAFMCHSYLANHTRI
 HSGEKPYKCNECGKAHNHLIDSSIKPCMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001099694

ORF Size: 1770 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_001099694.2](#)

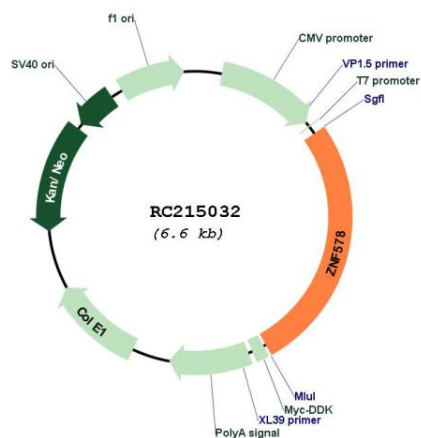
RefSeq Size: 6741 bp

RefSeq ORF: 1773 bp

Locus ID: 147660

UniProt ID: [Q96N58](#)
 Cytogenetics: 19q13.41
 MW: 68.4 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC215032