

Product datasheet for **RC229319**

ZNF780A (NM_001010880) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF780A (NM_001010880) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF780A
Synonyms:	ZNF780
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RC229319 representing NM_001010880
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTCCATGGATCAGTGACATTCAGGGATGTGGCCATTGACTTCTCTCAGGAGGAGTGGGAGTGCCTGC
AGCCTGATCAGAGGACCTTGTACAGGGATGTGATGTTGGAGAAGTACAGCCACCTGATCTCACTGGGAAG
TTCATTTCTAAACCAGATGTAATTACGTTACTAGAGCAAGAGAAAGAGCCCTGGATGGTTGTAAGGAAA
GAAACAAGCAGACGGTATCCAGATTTGGAGTAAAATATGGACCTGAGAAAGTATCTCCAGAAAATGATA
CCTCTGAAGTAAATTTACCCAAACAGGTTATAAAGCAAATAAGTACAACCTTTGGCATTGAGGCCTTTTA
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CGTATGAATGTAAGGAATGTGGGAAATACTTTAGTCGATGCAAATCTTATTCAGCATCAGAGTATTCA
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CATCAGAAATTTCACTGGTGAGAAACCTTTTGAATGTAAACGAATGTGGAAAGGCCTTTAGTCTTCTTA
CCCTGCTTAATCGCCATAAGAACATTCACACAGGTGAGAAACTGTTTGAATGTAAGGAATGTGGGAAGTC
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GAGTGTGGGAAAGCCTTTAATCGTGGTGCACACCTTATTCAGCATCAGAAAATTCATTCCAATGAGAAAC
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TACTGGTGAGAAACCCCTTGAATGTAAGAATGTGGAAAGGCCTTACTCTTCTGACAAAGCTTGTTCGA
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CCTTTGAATGTAAGGAGTGTGGGAAAGCCTTTTCGACTTCATATGCAACTTATTCGACATCAGAAATTC
TACTGGTGAGAAACCCCTTGAATGTAAGGAATGTGGAAAGGTTTTTAGTCTTCCACCCAGCTTAATCGC
CATAAGAACATTCACACAGGTGAGAAGGCATCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC229319 representing NM_001010880
 Red=Cloning site Green=Tags(s)

MVHGSVTRFDVAIDFSQEEWECLQPDQRTL YRDVMLENYSHLISL GSSISKPDVITLLEQEKEPMMVVRK
 ETSRRYPDLELKYGPEKVSPENDTSEVNL PKQVIKQISTTLGIEAFYFRNDSEYRQFEG LQGYQEGNINQ
 KMISYEKLPHTHPASL ICNTHKPYECKE CKGYFSRSANLIQHQS IHTGEKPFECKE CGKAFRLHIQFTR
 HQKFHTGEKPFECNECGKAF SLL TLLNRHKNIHTGEKL FECKE CKS FNRSNLVQHQS IHS GVKPYECK
 ECGKGFNRGAHLI QHQKIHSNEKPFVCKE CMAFRYHYQLIEHCQIHTGEKPFECKE CGKAF TLLTKLVR
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 HQSIHTGEKPYECKE CGKAFRL YLQLSQHQKTHTEKPFECKE CKGKFFRRGSNLNQHSRIHTGKKPFECK
 ECGKAFRLHMH LIRHQLHTGEKPFECKE CGKAFRLHMQ LIRHQLHTGEKPFECKE CKGVFSLPTQLNR
 HKNIHTGEKAS

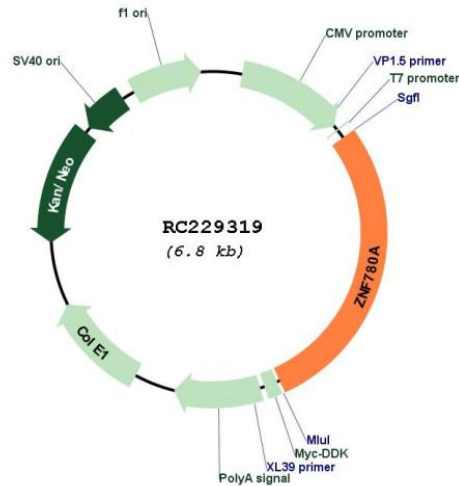
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001010880

ORF Size: 1923 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_001010880.2](#), [NP_001010880.2](#)

RefSeq ORF:	1926 bp
Locus ID:	284323
UniProt ID:	<u>O75290</u>
Cytogenetics:	19q13.2
MW:	74.4 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]