

Product datasheet for **RC209636**

ZNF627 (NM_145295) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF627 (NM_145295) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ZNF627 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>RC209636 representing NM_145295
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTCAGTGGCCTTTGAGGATGTGGCTGTGAACCTCACCTGGAGGAGTGGCTTTGCTGGATCCTT
 CCCAGAAGAATCTCTACAGGGATGTGATGCGGGAAACCTTCAGGAACCTGGCTTCTGTAGGAAAACAATG
 GGAAGACCAGAACATTGAAGACCCATTCAAAATCCCAGGAGAAATATAAGTCATATTCCAGAGAGACTC
 TGTGAAAGTAAAGAAGGTGGTCAAGGTGAAGAAACCTTCAGCCAGATTCCAGATGGTATTCTGAACAAGA
 AAACCTCTGGAGTAAAACCGTGTGAAAGCAGTGTGTGGAGAAGTTGGCATGGGTCCTTCATCACTTAA
 TAGGCACATCAGAGATCACACTGGACGTGAACCAATGAATATCAGGAATATGGAAGAAGTCATATACA
 CGTAACCAAGTGTGGACGAGCCTTGAGTTATCATCGCTCTTTCCAGTACGTGAAAGGACTCATCCTGGAG
 GAAAGCCCTATGATTGTAAGGAATGTGGAGAAACCTTTATTTCTTTGTAAGCATTGGAAGACACATGTT
 AACGCATAGGGGAGGTGTACCTACAAATGTAAGGTGTGTGGAAAGCCTTTGATTATCCCAGTTTATTT
 CGTATACATGAAAGAAGTCACACTGGAGAGAAACCTTATGAATGCAAGCAATGTGGGAAAGCCTTCAGTT
 GTTCCAGTTACATTAGAATACATGAAAGGACTCACACTGGAGATAAACCCCTATGAATGCAAGCAGTGTGG
 GAAAGCTTTCAGTTGTTCCAAGTACATTCGAATCCATGAACGAACTCACACAGGAGAGAAACCCCTACGAA
 TGTAACAGTGCAGTAAAGCCTTTAGGTGCGCCAGTTCTGTTGCAAGTACAGGAGGACTCACACCGGAG
 AGAAACTTTTTGAAATGTAAGGAATGCGGGAAGGCTTTGACTTGTCTTGAAGTGTGTAAGACACATGAT
 AAAGCACACTGGCAATGGACCTTATAAATGTAAGGTGTGTGGAAAGCCTTTGATTTCCCGATTCATTT
 CGAATCCATGAAAGACCCACACTGGAGAGAAACCCCTATGATTGTAAGCAATGTGGGAAAGCCTTCAGTT
 GTTCCAGTTCGTTTCGAAAACATGAAAGAATTCACACTGGAGAGAAACCCCTATAAATGTACAAAATGTGG
 GAAAGCCTTCAGTCGTTCCAGTTACTTCCGAATCCATGAAAGAAGTCCACTGGAGAGAAACCCCTATGAA
 TGTAAGCAATGTGGGAAAGCCTTCAGTCGATCCACTACTTTTCAGTACATGAAAAAATTCATACTGGAG
 AGAAACCCCTATGAGAACCCTAACCTAACGCTTCAGTTGTCCAGTTCTTTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209636 representing NM_145295
 Red=Cloning site Green=Tags(s)

MDSVAFEDVAVNFTLEEWALLDPSQKNLYRDMRETFRNLASVGKQWEDQNIEDPFKIPRRNISHIPERL
 CESKEGGQGEETFSPIDGILNKKTPGVKPESSVCGEVGMGPSSLNRHIRDHTGREPNEYQEYGGKSYT
 RNQCGRALSYHRSPVRRERTHPGGKPYDCKEGETFISLVSIIRRHMLTHRGGVPYKCKVCGKAFDYPFLF
 RIHERSHTGEKPYECKQCGKAFSCSSYIRIHERHTHTGDKPYECKQCGKAFSCSKYIRIHERHTHTGEKPYE
 CKQCGKAFRCASSVRSHERHTHTGEKLFECKEKGKALTCLASVRRHMIKHTGNGPYKCKVCGKAFDFPSSF
 RIHERHTHTGEKPYDCKQCGKAFSCSSFRKHERIHTGEKPYKCTKCGKAFSRSSYFRIHERHTHTGEKPYE
 CKQCGKAFSRSTYFRVHEKIHTGEKPYENPNPNASVVPVLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_145295

ORF Size: 1383 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_145295.4](#)

RefSeq Size: 2864 bp

RefSeq ORF: 1386 bp

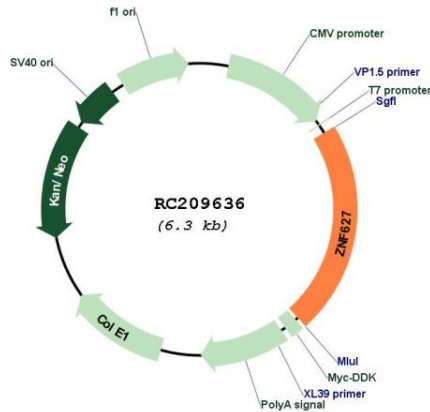
Locus ID: 199692

UniProt ID: [Q7L945](#)

Cytogenetics: 19p13.2

Domains: KRAB, zf-C2H2
 Protein Families: Transcription Factors
 MW: 53.3 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC209636