

Product datasheet for **RC221540**

ZNF623 (NM_014789) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF623 (NM_014789) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF623
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC221540 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATTTTGTGTCTTTTGTTCAGATTCTAATGTAGGAAGTGGTGAAGAAGGTGACTGAAGCCTGGA
 TTTCTGAGGATGAAAACACATAGGACGACGTACAGACAGACTCACGGTATGGAGCTCCCCTCTCCCGA
 GTCTGAGGAAGTCCACGAGCCAGATTAGGGGAGCTCTTGGGAAATCCAGAAGGTCAGAGCCTGGGGAGT
 TCCCCCTCTCAGGACAGGGGCTGCAAGCAGGTGACAGTACCATTGGAAGATCCAGACAGGAGAGACAG
 CTCAAGTGTGCACCAAGTCAGGAAGAAACCATATTCTGAACTCAGACCTTCTTCTGCTTCAGAGAGAGCT
 CATAGAGGGGGAAGCCAATCCTTGCATATCTGTGGCAAACCTTACGTTTAAATTCAGACCTAGTTAGG
 CATCGGATTTGCGATGCTGGGGAGAAACCTTACACGTGCGATCAGTGTGGAAAGGCTTTGGCCAGAGCT
 CACACCTTATGGAGCATCAGAGAATTCACACTGGAGAGAGACTCTACGTCTGTAATGTGTGTGGAAAGA
 CTTTCACTACTATTCAGGTCTCATTGAGCATCAGCGCTTCAATCAGGAGAAAAGCCCTTCAAATGTGCG
 CAGTGTGGGAAGGCGTTTTGTCACAGTTAGACCTGATTAGGCACCAGAGAGTTCACACCAGAGAGAGAC
 CTTTTGAATGCAAGAGTGTGGGAAAGGCTTCAGTCAGAGCTCCTTACTTATTCGCCATCAGAGGATTCA
 CACGGGAGAAAGGCCCTATGAGTGCAATGAATGTGGGAAATCCTTATAAGGAGCTCGAGCCTCATTGCG
 CATTATCAGATCCACACAGAAGTGAAACAGTATGAATGCAAAGAATGTGGGAAGGCATCCGTCATCGCT
 CAGACCTTATTGAACACCAGAGAATTCACACGGAGAGAGACCCTTTGAATGCAATGAGTGTGGGAAAGC
 CTTTATTCGGAGTTCAAAGCTCATTGAGCATCAGAGGATCCATACTGGGGAGAGGCCCTTACGTATGCAAT
 GAGTGTGGGAAGCGCTTCAGCCAGACGTCAAACCTCACCCAGCATCAGAGAATTCACACTGGAGAGAAAC
 TCTATGAATGTAACGAGTGTGGGAAAGCTTTCTTCTGAGTTCACTTATTCGACACCAGAAAATCCA
 CACTGGAGAGAGAGTGTATGAATGTAAGGAATGTGGGAAAGCGTTTCTCCAGAAAAGCCCATCTCACTGAG
 CACCAGAAAGTCCACTCTGGGGACAGGCCCTTCGAATGTAAGACTGTGGGAAAGCCTTATCCAGAGCT
 CCAAGCTGCTTCTGCACCAGATTATTCACACTGGAGAAAAGCCCTATGTGTGCAGTTATTGTGGGAAAGG
 CTTTATTCAGAGGTCAAACCTTCCCTTCAACACCAGAAAATTCATACTGAAGAGAAGCTCTATGAATGTAGT
 CAGTATGGGAGAGATTTAACTCAACTACAAACGTTAAAAATAATCAAAGGGTTCACCAAGAGGGACTCT
 CCTTGAGTAAGGCCCCCATACATTTGGGTGAGAGGTCTGTAGATAAGGGGGAACACACAGGTAACCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221540 protein sequence
 Red=Cloning site Green=Tags(s)

MILLSFVSDSNVGTGEKKVTEAWISEDENSHRTTSDRLTVMELPSPSEEEVHEPRLGELGNPEGQSLGS
 SPSQDRGCKQVTVTHWKIQTGETAQVCTKSGRNHILNSDLLLLQRELIERGEANPCDICGKTFTFNSDLVR
 HRISHAGEKPYTCDQCGKGFQSSHLMHQRIHTGERLYVCNVCGKDFIHYSGLIEHQRVHSGEKPFKCA
 QCGKAFCHSSDLIRHQRVHTRERPFECCKGKGFQSSLLIRHQRIHTGERPYECNECGKSFIRSSSLIR
 HYQIHTEVKQYECKEKGAFRHRSDLIEHQRIHTGERPFECNECGKAFIRSSKLIHQRIHTGERPYVCN
 ECGKRFQTSNFTQHRIHTGEKLYECNECGKAFFLSSYLIRHQKIHTGERVYECKEKGAFQKAHLTE
 HQKIHSGRDPFECKDCGKAFIQSSKLLHQIHTGEKPYVCSYCGKGFIQRSNFLQHQKIHTEEKLYECS
 QYGRDFNSTTNVKNQRVHQEGLSLSKAPIHLGERSVDKGEHTGNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6600_b12.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_014789

ORF Size: 1608 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_014789.3](#), [NP_055604.3](#)

RefSeq Size: 3947 bp

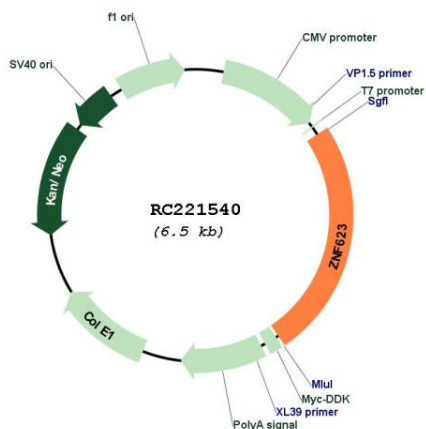
RefSeq ORF: 1611 bp

Locus ID: 9831

UniProt ID: [O75123](#)

Cytogenetics: 8q24.3
Domains: zf-C2H2
MW: 61.4 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC221540