

## Product datasheet for **RC225745**

### **ZNF662 (NM\_001134656) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ZNF662 (NM_001134656) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF662
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC225745 representing NM\_001134656  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGCGCTGGCGCTGGCGAGCGGGACACGCCTCGGCCTTGTCTCGAGCTGCTCCCGGACAGCCCG  
 CGTGTCCCGGGCGCCGGGAGTCAGTGACCTTCGAGGATGTGGCCGTCTACTTCTCTGAGAACGAATG  
 GATCGGCCTGGGCCCTGCTCAGAGAGCCCTGTACAGGGATGTGATGCTGGAGAATTATGGGGCTGTGGCT  
 TCCCTGGCATTTCATTTCCAAACCGGCTCTGATTTCCAGCTGGAGCGAGGGGAAACACCCTGGTGCT  
 CGGTTCTCGGGAGCTCTGGATGGAGAGGCCCAAGGGGCATCTCTCAGAGGGTGTGTTGAAGAGGAA  
 GAAAGAAGATTTATTCTGAAGGAGGAAATTATTGAGGAAGCACAGGACCTCATGGTCTATCAAGTGA  
 CCCCAGTGGTGTGGATCCAGGAATTATGGTTTGGGAAAACCTGTGAAGAGAAAAGCAGTTAGGGAGAT  
 GGCCTGGTACCTCAATGGGGACGTATGGAAAGTTCTACAAATGATATTATAGAAGTATTGTCAAGGA  
 TGAGATGATCTCAGTAGAAGAGAGTTCAGGGAATACTGATGTCAATAACCTCCTTGGTATACATCACAAA  
 ATTCTAAATGAGCAAATATTCTATATATGTGAGGAATGCGGCAAGTGTCTTGGATCAAAATGAGGACTTTG  
 ATCAACACCAGAAAACCTATAATGGAGAGAAGGTCTATGGATGTAAAGAAATGTGGGAAGGCTTTCAGTTT  
 TCGATCACATTGCATTGCACATCAGAGAATTCACAGTGGGGTGAACCCCTATGAATGTCAAGAATGTGCT  
 AAGGCCTTTGTTTGAAGTCAAACCTGATTCGTCACCAGAGAATACATACTGGAGAGAAACCCCTTGAAT  
 GTAAGGAATGTGGGAAGGGCTTTAGTCAGAACACAAGCCTTACGCAACATCAACGGATCCCACTGGTGA  
 GAAACCATACACATGTAAGGAATGTGGGAAAAGCTTTACTCGAAACCCAGCCCTTCTTCGACATCAGAGA  
 ATGCACACTGGGAGAAGCCTTACGAATGTAAGGACTGTGGGAAGGGCTTCATGTGGAATCAGATCTTT  
 CTCAGCACCAGAGGGTCCACACTGGGACAAGCCTCATGAATGTACTGACTGTGGGAAAAGCTTCTTTTGG  
 CAAGGCACATCTTATTCGACATCAAAGAATCCATACTGGGGAAAAGACCCTATAAATGTAATGACTGTGGG  
 AAGGCCTTCAGTCAGAATTCTGTCTTAATTAAGCACCAGAGGCGCCATGCTAGAGACAAACCCCTATAACT  
 GTCAGATCTCTCACCTTCTTGAACAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC225745 representing NM\_001134656  
 Red=Cloning site Green=Tags(s)

MAAVLASGTRLGLVLELLPGQPALPRARRESVTFEDVAVYFSENEWIGLGAQRALYRDVMLENYGAVA  
 SLAFPPKPALISQLERGETPWCSVPRGALDGEAPRGISSEGLVKRKKEDFILKEEIEEAQDLMVSSG  
 PQWCGSQELWFGKTCEEKSRLLGRWPGYLNGRMESSTNDIEEVIKDEMI SVEESSGNTDVNLLGIHKK  
 ILNEQIFYICEEGKCFDQNEFDQHQKTHNGEKVYGCKEKGKAFSFRSHCIAHQRIHSGVKPYEQECA  
 KAFVWKSNIIRHQRIHTGEKPFECKEKGKGF SQTSLTQHQRHTGEKPYTCKECKGSFTRNPALLRHQR  
 MHTGEKPYECKDCKGFMWNSDLSQHQRVHTGDKPHECTDCGKSFCKAHLIRHQRIHTGERPYKCNDCG  
 KAFSQNSVLIKHQRHARDKPYNCQISHLLEH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001134656

**ORF Size:** 1356 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\\_001134656.2](#)

**RefSeq ORF:** 1359 bp

**Locus ID:** 389114

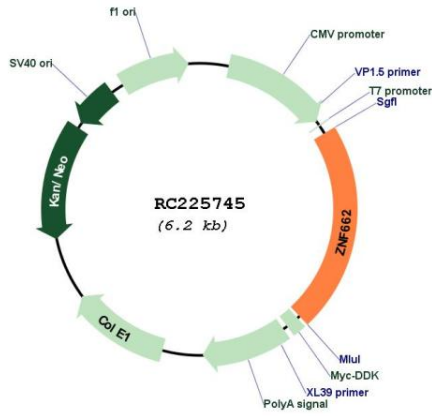
**UniProt ID:** [Q6ZS27](#)

**Cytogenetics:** 3p22.1

**MW:** 51.2 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC225745