

Product datasheet for RC210420

ZNF660 (NM_173658) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF660 (NM_173658) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF660
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC210420 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGAGGAGAAAGACAAGAAATTTCAAACATAAGACAGTTAAAGACAATAAAGTACTCACAGAAGGGAGTG
ACCAAGAATCTGAAAAAGACAATAGTCAGTGCTGTGACCCTGCAACAAATGAGAGAGTTCAGGCTGAAAA
GAGACAGTATGTATGTACTGAGTGTGGAAAGCCTTTAGTCAGAGTGCAAACCTCACAGTACATGAGCGA
ATCCACACGGGAGAGAAACCCTATAAGTGAAGGAGTGTGGAAAAGCTTTCAGTCATAGCTAACCTTG
TTGTTTCATCGGAGAAATCCACACTGGACTGAAGCCCTATACATGCAGTGAATGTGGGAAATCTTTCAGTGG
AAAGTCACATCTTATTTCGGCACCAGGGAATCCACAGTGGGGAGAAAACCTTATGAATGTAAGAGTGTGGG
AAAGCCTTTAGTCGGAGTTCGGGCCTTATATCACATCACAGAGTTCACACCGGAGAGAAGCCCTATTCTT
GTATTGAGTGTGGAAAGCCTTTAGCCGTAGTTCAAACCTTACTCAACATCAGCGAATGCACAGAGGAAA
AAAAGTTTACAAATGTAAGGAGTGTGGAAAACATGTGGTTCTAATACAAAGATTATGGACCATCAGAGA
ATTCACACTGGAGAGAAGCCTTATGAATGTGATGAGTGTGGAAAACCTTTCATCTTAAGGAAAACCTTA
ATGAACACCAGAGACTTCATCGTAGAGAGAAACCTTACAAATGTAATGAGTGTGGAAAGGCTTTTACTTC
TAATCGAAACCTTGTGATCATCAGAGAGTTCACACTGGAGAGAAACCCTATAAATGTAATGAATGTGGG
AAAACCTTCAGGCAGACTTCTCAAGTTATTCTACACTTGAGAACCACACTAAGGAGAAACCTATAAAT
GTAGTGTGTTGGAAAGCCTATCGGTATAGTTACAGCTTATTCACACCAGAGGAAACATAATGAGGA
GAAAGAAACCTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC210420 protein sequence
 Red=Cloning site Green=Tags(s)

MRRKTRNFKHKTVKDNKVLTEGSDQESEKDNSQCCDPATNERVQAEKRQYVCTECGKAFSQSANLTVHER
 IHTGEKPYKCECGKAFSHSSNLVVHRRHTGLKPYTCSECGKSFSGKSHLIRHQGIHSGEKTYECKECCG
 KAFSRSSGLISHHRVHTGEKPYSCIECGKAFSRSSNLQHQRMHRGKKVYKCECGKTCGSNTKIMDHQR
 IHTGEKPYECDECGKTFILRKTLENEHQRLHRREKPYKCECGKAFTSNRNLVDHQRVHTGEKPYKCECG
 KTRFRQTSQVILHLRTHTKKPYKCECGKAYRYSSQLIQHQKHNEEKETS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_173658

ORF Size: 993 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_173658.4](#)

RefSeq Size: 2205 bp

RefSeq ORF: 996 bp

Locus ID: 285349

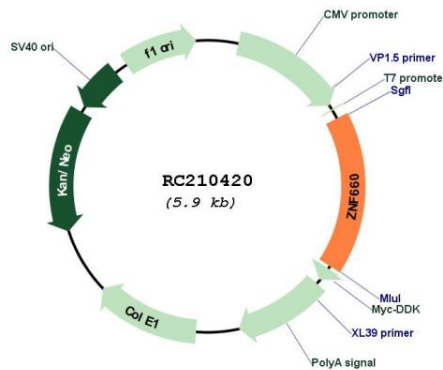
UniProt ID: [Q6AZW8](#)

Cytogenetics: 3p21.31

MW: 38.3 kDa

Gene Summary: This gene encodes a protein that contains multiple C2H2 zinc finger domains, and is located in a cluster of zinc-finger encoding genes on chromosome 3. Naturally-occurring readthrough transcription is observed between this gene and the downstream zinc finger protein 197 gene and is represented by GeneID:110354863. [provided by RefSeq, May 2017]

Product images:



Circular map for RC210420