

Product datasheet for **RC209188**

ZNF613 (NM_001031721) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF613 (NM_001031721) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF613
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC209188 representing NM_001031721
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATCAAGTCCCAGGAATCACTGACCCTGGAGGATGTGGCTGTGGAGTTCACCTGGGAGGAGTGGCAGC
 TCCTCGGCCCTGCTCAGAAGGACCTGTACCGAGACGTGATGTTGGAGAACTATAGCAACCTCGTGTCACT
 GGGGTATCAAGCCAGCAAACCAGATGCACTCTTCAAGTTGGAACAAGGAGAGCCATGGACAGTAGAAAAT
 GAAATCCACAGCCAAATCTGTCCAGAAATCAAGAAAGTTGACAATCATCTACAGATGCACTCACAAAAGC
 AAAGATGTCTGAAGAGAGTGAACAATGCCATAAACATAATGCATTTGGAAACATCATTATCAGAGGAA
 AAGTGATTTTCTTTAAGGCAAATCATGATACATTTGACTTACATGGGAAAATACTGAAATCAAATTTA
 AGTTTAGTCAACCAGAACAAAAGGTATGAAATCAAGAATCTGTGGGGTTAATGGAGATGGGAAATCCT
 TCCTTCATGCCAAGCATGAACAATTTATAATGAAATGAACTCCCCGAAGGTGGAAATCTGTGAATAC
 AAATTCACAATTCATTAAGCATCAGCGAACTAAAACATAGATAAACCCATGTATGCACTGAGTGTGGG
 AAGGCTTTCTCAAGAAGTCTCGCCTCATCTATCATCAGAGAGTTCACACTGGGGAGAAACCTCATGGAT
 GCAGTATATGTGGGAAAGCCTTCTCCAGAAAGTCCGGGCTCACTGAACACCAGAGAAACACACAGGAGA
 GAAACCTATGAATGCACTGAATGTGACAAAGCATTCCGCTGAAATCACAGCTCAATGCACACCAGAAA
 ATTCATACAGGAGAGAAGTCATATATATGCAGTGATTGTGGAAAAGGCTTCATCAAGAAGTCTCGGCTCA
 TTAATCATCAGAGAGTTCATACAGGAGAGAAACCATGGATGCAGCCTGTGTGGGAAAGGCTTCTCCAA
 AAGGTCAGGCTCACTGAACACCAGAGAACTCATACAGGAGAGAAACCTATGAATGCACTGAATGTGAC
 AAAGCATCCGCTGGAAATCACAGCTCAATGCACATCAGAAAGCTCACACAGGAGAGAAGTCATATAT
 GCCGTGATTGTGGAAAAGGCTTCATTGAGAAAGGAAATCTCATTGTACATCAGCGAATTCATACAGAGA
 AAAACCTATATATGCAATGAATGTGGAAAAGGCTTCATCCAAAAGGGCAACCTCCTTATTCATCGACGT
 ACTCACACTGGAGAGAAACCTATGTATGCAATGAATGTGGAAAAGGCTTCAGCCAGAAGACATGTTTAA
 TATCCCATCAGAGATTTACACAGGAAAGACACCTTTGTATGTACTGAGTGTGGAAAATCCTGCTCACA
 CAAGTCAGGTCTCATTAAACCACCAGAGAATTCACACAGGAGAGAAACCTATACATGCAGTGACTGTGGG
 AAAGCTTTCAGAGATAAATCATGTCTCAACAGACATCGGAGAACTCATACAGGGGAGAGACCGTATGGAT
 GCTCTGATTGTGGGAAAGCTTCTCCACTTGTGCATGCCTTGTATCATAAGGGAAATGCTGCATGCAAG
 AGAGAAATGTGTAGTTCAGTCAAATTTGGAAAATCCTTGCTCAGAGAGTCATAGCTTATCACATACAGT
 GATCTCATACAGGATAAAGACTCTGTTAACATGGTGACTCTGCAGATGCCTTCTGTGGCAGCTCAGACCT
 CATTAACTAACAGTGCCTTCCAAGCAGAGAGCAAAGTAGCCATTGTGAGCCAGCCTGTTGCCAGAAGTTC
 AGTCTCAGCAGATAGTAGAATTTGCACAGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209188 representing NM_001031721
 Red=Cloning site Green=Tags(s)

MIKSQESLTLEDVAVEFTWEEWQLLGPQKDLYRDVMLENYSNLVSVGYQASKPDALFKLEQGEPTVEN
 EIHSQICEIKKVDNHLQMHSQKQRCLKRVEQCHKHNAFGNIHQKRSDFPLRQNHDTFDLHGKILKSNL
 SLVNQNKRYEIKNSVGVNDGKSFHLHAKHEQFHNEMNPFEGGNSVNTNSQFIKHQRTQNIQKPHVCTEG
 KAFLLKKSRLIYHQRVHTGEKPHGCSICGKAFSRKSGLTEHQNRHTGEKPYECTECDKAFRWKSQNLNAHQK
 IHTGEKSYICSDCGKGF IKKSRLINHQRVHTGEKPHGCSL CGKAFSKRSRLTEHQRTHTGEKPYECTECD
 KAFRWKSQNLNAHQKAHTGEKSYICRDCGKGF IQKGNLIVHQRIHTGEKPYICNECGKGF IQKGNLLIHR
 THTGEKPYVCNECGKGF SQKTCLISHQRFHTGKTPFVCTEGKSCSHKSGLINHQRIHTGEKPYTCSDCG
 KAFRDKSCLNRHRRHTGERPYGCSDCGKAF SHLSCLVYHKGMLHAREKCVGSKLENPCSESHLSHTR
 DLIQDKDSVNMVTLQMPVAAQTSLTNSAFQAESKVAIVSQPVARSSVSADSRICTE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001031721

ORF Size: 1851 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_001031721.4](#)

RefSeq Size: 2355 bp

RefSeq ORF: 1854 bp

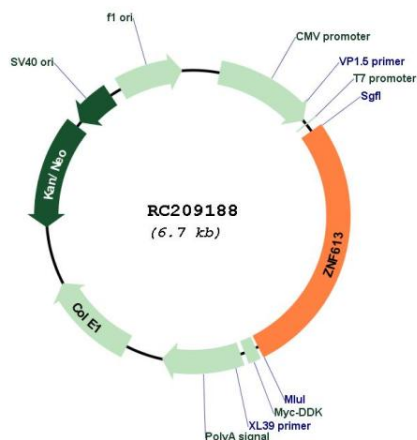
Locus ID: 79898

UniProt ID: [Q6PF04](#)

Cytogenetics: 19q13.41

Protein Families: Transcription Factors
 MW: 70.1 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC209188