

Product datasheet for **RC237523**

ZNF707 (NM_001288809) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF707 (NM_001288809) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF707
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237523 representing NM_001288809 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGACAACCTCAGCAGTGTGGCTGCTCTGGGATTTGCAGCCCCAGACCAGACCTCGTCTCTCGCC
TGGAACAGTGGGAGGAGCCGTGGGTTGAAGACCGGGAGAGACTGAGTTCAGGCAGTGCAGAGGGGACC
CCGGCCAGGGGCAAGGAAGTCTGCAGACCCCAAGAGACCTGTGATCATCCAGCTTGGGCTCACAAGAAA
ACCCACGTGCGGCGAGAAAGAGCCAGGGAAGGAAGCAGCTTTAGGAAGGGCTTCAGGCTGGACACGGATG
ACGGGCAGCTTCCAGAGCTGCTCCAGAAAGGACAGACGCAAGCCACGGCTTCCCGTGTGAGGTGCT
CACGCAGCGTTGTGGGCGCGGGCCGGCCGAGAGAGCGCGGAAGCAGCGCGCAGTAGAGCTGTCAATC
ATCTGCGGCACGTGCGGGAAGGGCTCAGCTGCCACAGCCGGCTGCTCGCTCACCAGACGGTGCACACGG
GAACCAAGGCCTTCGAGTGCCCCGAGTGCAGCCAGACCTTCCGGTGGGCTTCAAACCTGCAGCGCCACCA
GAAGAACCACACGCGGAGAAGCCCTTCTGCTGCGAGGCCTGCGGGCAGGCGTTCAGCCTGAAGGACCGC
CTGGCTCAGCACCGCAAGGTCCACACCGAGCACAGGCCCTACTCGTGTGGCGACTGTGGAAAGCCCTCA
AGCAGAAGTCAAACCTTCTCAGACACCAGCTGGTGCACACCGGGGAGCGCGCTTACTGCGCGGACTG
CGGCAAAGCCCTTCGGACCAAGGAGAACCCTCAGCCACCACCAGAGGGTCCACAGCGGGGAGAAGCCCTAC
ACCTGTGCCGAGTGCAGCAAGTCTTCCGGTGGCCCAAGGGCTTACGATCCACCGGAGGCTGCACCTGA
CGAAGAGGTTCTACGAGTGCAGCCACTGTGGAAAGGCTTCCGTACCTGGGTTCTTACGCGGCATCA
GAGGACTCACAGGCACGGGGAGGTG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237523 representing NM_001288809
 Red=Cloning site Green=Tags(s)

MLDNFSSVAALGFCSRPDLVSRLEQWEEPWVEDRERPEFQAVQGRPRPGARKSADPKRPCDHPAWAHHK
 THVRRERAREGSSFRKGFRLDIDDGQLPRAAPERTDAKPTAFPCQVL TQRCGRPRGRERRRKRQRAVELSF
 ICGTCGKALSCHSRLLAHQTVHTGTAKAFECPECGQTFRWASNLQRHQKNHTREKPF CCEACGQAFSLKDR
 LAQHRKVHTEHRPYSCGDCGKAFKQKSNLLRHQLVHTGERPFYCADCGKAFRTKENLSHHQRVHSGEKPY
 TCAECGKSFRWPKGFSIHRRLHLTKRFYECGHCGKGFRLGFFTRHQRTHRHGEV

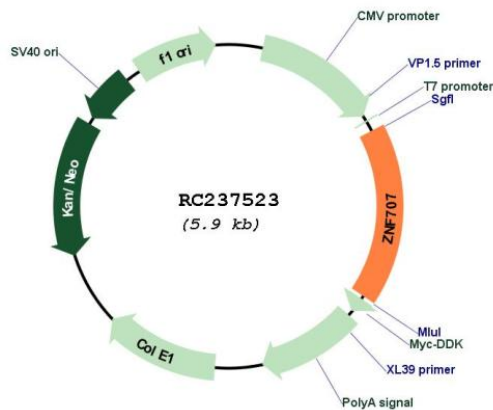
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001288809

ORF Size:	1005 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:	<ol style="list-style-type: none">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_001288809.2
RefSeq Size:	2237 bp
RefSeq ORF:	1008 bp
Locus ID:	286075
UniProt ID:	Q96C28
Cytogenetics:	8q24.3
Protein Families:	Transcription Factors
MW:	39.2 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]