

Product datasheet for **RC223038**

ZNF484 (NM_031486) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF484 (NM_031486) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF484
Synonyms:	BA526D8.4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC223038 representing NM_031486
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCAAGTCCCTGGAATCAGTGTCTTCAAGGACGTAAGTGTAGACTTCAGTAGGGATGAGTGGCAAC
 AATTAGACCTTGCTCAGAAAAGCCTGTACAGAGAAGTGATGCTGGAAAACATTTCAACTTGATCTCAGT
 GGGATGTCAAGTCCCAAACAGAAATCATCTTCACTTGGAAACAAGAAGAGCCATGTATGTTGGATGGT
 GAGATCCCAGTCAGAGCCGTCCAGATGGGGACATTGGTTTTGGACCTTTACAACAGAGGATGTCTGAAG
 AAGTTTCTTCCAGTCTGAGATTAATATTAATCTTCCACAAGAGATGACCCATATTCCATTTAGAAAGA
 ATTGTGAAAAGACGATGAACACACAAGAAAATGTGGAGAAAACCAGAACAACCTTTAAGTCGTGTTGTC
 TTCATTAACAAGAAAACACTAGCTAATGACAGCATCTTTGAATATAAGGACATTGGGAAATAGTTCATG
 TAAACACACACCTGGTTTCTCAAGAAAAGACCCATAACTGTAAGTGTGGAAAGAATTTGGAGCC
 TATCATAACCTTATATAATAGAAAACATGCAACAGAAAATCTGATAAGACTATTGGAGATGGTGATATT
 TCACTCATTGTAATTCATACAGAAGTACTGCTTGTGAATGTAACCAATGTGGGAAACCTCTGCATC
 ATAAGCAAGTCTCATTCAACAACAGAAAATTCATACTAGAGAGAGCCTCTATTTGTTTTCTGACTACGT
 AAATGTTTTCTCCCGAAGTCACATGCCTTTGCACATGAGAGTATTTGTGCTGAAGAAAAGCAGCATGAA
 TGCCATGAATGTGAGGCAGTCTTCACTCAGAAGTCCCAGCTTGATGGCAGTCAGAGGGTTTATGCAGGAA
 TATGCACTGAATATGAGAAGGATTTTCCCTCAAGTCAAACCGTCAGAAAACCTTATGAGGGGAATTA
 CTATAATGCAGTACTATGGAAGAGCCTTTATCCAGAAGTCAGATCTGTTGAGATGCCAGAGAATTCAT
 TCTGGAGAAAACCTTATGAGTACAGTGAATGTGAGAAAACCTCCCTCAGAATTCAAACCTTAATATAC
 ATAAAAAATTCATACTGGAGGAAACACTTTGAATGTACTGAATGTGGAAAAGCTTTACAAGGAAATC
 AACACTAAGTATGCATCAGAAAATCCATACAGGAGAAAACCTTATGTATGTACTGAATGTGGAAAGGCC
 TTTATCCGGAAGTCACATTTTATCACACATGAAAGAATTCATACTGGAGAAAACCTTATGAATGCAGTG
 ACTGTGGGAAATCCTTTATTAATAAATCACAACCTCATGTGCATCAGCGAATTCACACAGGAGAGAATCC
 CTTTATATGTTGAGAATGTGGAAAGTCTTCACTCACAAGACAAATCTCATTATACACCAGAAAATTCAT
 ACAGGAGAAAGACCCTATATGTACTGTGTGGTAAGGCTTTACTGACAGGTCAAATCTCATTAAAGC
 ACCAAAAAATTCATACTGGAGAGAAACCTTATAAATGCAGCGACTGTGGAAAATCATTACCTGGAAGTC
 TCGGCTCAGGATACATCAGAAGTGCATACTGGAGAGAGACATTATGAATGCAGTGAATGTGGGAAAGCA
 TTCATTAGAAGTCAACATTAAGTATGCACCAGAGAATTCATAGAGGGGAAAAACCATATGTTTGCAGT
 AATGTGGTAAGGCCTTCTCCACAAATCCATTTTATTACACATGAGAGAATTCATACTGGAGAGAAACC
 CTATGAATGCAGTATTTGTGGGAAATCCTTCACTAAGAAAATCACAGCTCCACGTACATCAGCAGATTAC
 ACAGGAGAGAAACCTATAGGTGTGCTGAATGTGGAAAGGCTTTTACTGACAGATCAAATCTCTTTACAC
 ACCAGAAAATTCACACTGGAGAGAAACCTTATAAATGTAGTGACTGTGGGAAAGCCTTCACTAGGAAGTC
 AGGTCTCCATATACATCAGCAATCCCATACTGGAGAAAGGCATTATGAGTGCAGTGAATGTGGGAAAGCC
 TTTGCAAGAAAATCAACACTAATTATGCATCAGAGAATTCATACAGGAGAGAAACCTATATTTGTAATG
 AATGTGGGAAATCCTTCCATCCAGAAGTCACACTTAAATAGACACAGGAGAATTCATACTGGAGAGAAACC
 CTATGAATGCAGTACTGTGGCAAGTCTTTTATTAAAGAAATCACAACCTCATGAGCATCATCGAATTCAC
 ACAGGAGAGAAACCATATATATGTGCTGAGTGTGGAAAGGCTTACCATCAGATCAAATCTTATTAAC
 ACCAGAAAATTCATACTAAACAGAAACCTTATAAGTGCAGTACTGGGAAAGCCTTAAACTGGAAGCC
 ACAACTCAGTATGCCTCAGAAATCTGACAAATGGGGAAGTAGAGTCTCCATGCCACAATTATGGTGTGG
 GACTCAGAAGGTGACCAAGGCCAACTTTCTTCTATC

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223038 representing NM_031486
Red=Cloning site Green=Tags(s)

MTKSLESVSFKDVTVDVSRDEWQQLDLAQKSLYREVMLENYFNLISVGCQVPKPEVIFSLEQEPCMLDG
EIPSQSRPDGDI GFGLQQRMSSEVSFQSEININL FTRDDPYSILEELWKDDEHTRKCGENQNKPLSRV
FINKKTLANDSIF EYKDIGEIVHVNTHLVSSRKRPHNCNSCGKNLEPIITLYNRNATENS DKTIGDGI
FTHLNSHTEVTACECNQCGKPLHHKQALIQQQKIHTRESLYLFSDYVNVFSPKSHAF AHESICAE EKQHE
CHECEAVFTQKSQLDGSQRVYAGICTEYEKDFSLKSNRQKTPYEGNYKCS DYGRAFIQKSDLFRCQRIH
SGEKPYEYSECEKNLPQNSNLNIHKKIHTGGKHFECTECGKA FTRKSTLSMHQKIHTGEKPYVCTECGKA
FIRKSHF I THERIHTGEKPYECSDCGKSF IKKSQLHVHQR IHTGENPFI CSECGKVFTHKTNLIIHQKIH
TGERPYICTVCGKAFTDRSNLIKHQKIHTGEKPYKSDCGKSF TWKSRLRIHQKCHTGERHYECSECGKA
FIQKSTLSMHQRIHRGEKPYVCTECGKAFFHKSHF I THERIHTGEKPYECSICGKSFTKKSQ LHVHQQIH
TGEKPYRCAECGKAFTDRSNLFTHQKIHTGEKPYKSDCGKA FTRKSGLHIHQQSHTGERHYECSECGKA
FARKSTLIMHQRIHTGEKPYICNECGKSF IQKSHLNRHRIHTGEKPYECSDCGKSF IKKSQLHEHHR IH
TGEKPYICAECGKAFTIRS NLIKHQKIHTKQPKYKSDLGKALNWKPQLSMPQKSDNGEVECSMPQLWCG
DSEGDQGQLSSI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul

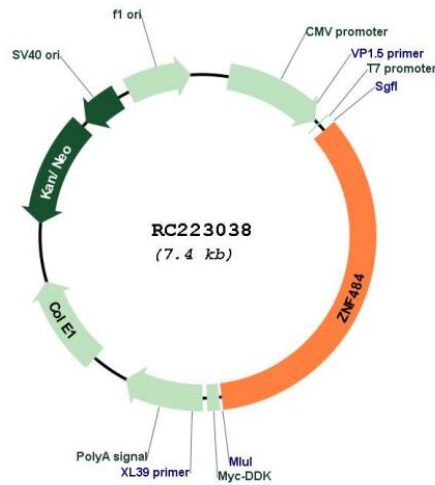
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_031486
ORF Size:	2556 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_031486.4
RefSeq Size:	3935 bp
RefSeq ORF:	2559 bp
Locus ID:	83744
UniProt ID:	Q5JVG2
Cytogenetics:	9q22.31
MW:	98.2 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]