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Product datasheet for RC212901

ZNF484 (NM_001007101) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF484 (NM_001007101) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF484
Synonyms:	BA526D8.4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>RC212901 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGGAAAACTATTTCAACTTGATCTCAGTGGGATGTCAAGTTCCCAAACCAGAAGTCATCTTCAGCT
TGGAACAAGAAGAGCCATGTATGTTGGATGGTGAGATCCCCAGTCAGAGCCGTCCAGATGGGGACATTGG
TTTTGGACCTTTACAACAGAGGATGTCTGAAGAAGTTTCTTTCCAGTCTGAGATTAATATTAATCTCTTC
ACAAGAGATGACCCATATTCCATTTTAGAAGAATTGTGGAAAGACGATGAACACACAAGAAAATGTGGAG
AAAACCAGAACAAACCTTTAAGTCGTGTTGTCTTCATTAACAAGAAAACACTAGCTAATGACAGCATCTT
TGAATATAAGGACATTGGGGAAATAGTTCATGTAAACACACACCTGGTTTCCTCAAGAAAAAGACCCCAT
AACTGTAACTCGTGTGGAAAGAATTTGGAGCCTATCATAACCTTATATAATAGAAACAATGCAACAGAAA
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AGCGACTGTGGAAAATCATTCACCTGGAAGTCTCGGCTCAGGATACATCAGAAGTGTCATACTGGAGAGA
GACATTATGAATGCAGTGAATGTGGGAAAGCATTCATTCAGAAGTCAACATTAAGTATGCACCAGAGAAT
TCATAGAGGGGAAAAACCATATGTTTGCACTGAATGTGGTAAGGCCTTCTTCCACAAATCCCATTTTATT
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GGCCTTCACCATCAGATCAAATCTTATTAAACACCAGAAAATTCATACTAAACAGAAACCCTATAAGTGC
AGTGACTTGGGGAAAGCCTTAAACTGGAAGCCACAACTCAGTATGCCTCAGAAATCTGACAATGGGGAAG
TAGAGTGCTCCATGCCACAATTATGGTGTGGGGACTCAGAAGGTGACCAAGGCCAACTTTCTTCTATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212901 protein sequence
Red=Cloning site Green=Tags(s)

MLENYFNLISVGCQVPKPEVIFSLEQEEPCMLDGEIPSQSRPDGDIGFGPLQQRMSEEVSFQSEININLF
TRDDPYSILEELWKDDEHTRKCGENQNKPLSRVVFINKKTLANDSIFEYKDIGEIVHVNTHLVSSRKRPH
NCNSCGKNLEPIITLYNRNNATENSDKTIGDGDIFTHLNSHTEVTACECNQCGKPLHHKQALIQQQKIHT
RESLYLFSDYVNVFSPKSHAFAHESICAEEKQHECHECEAVFTQKSQLDGSQRVYAGICTEYEKDFSLKS
NRQKTPYEGNYYKCSDYGRAFIQKSDLFRCQRIHSGEKPYEYSECEKNLPQNSNLNIHKKIHTGGKHFEC
TECGKAFTRKSTLSMHQKIHTGEKPYVCTECGKAFIRKSHFITHERIHTGEKPYECSDCGKSFIKKSQLH
VHQRIHTGENPFICSECGKVFTHKTNLIIHQKIHTGERPYICTVCGKAFTDRSNLIKHQKIHTGEKPYKC
SDCGKSFTWKSRLRIHQKCHTGERHYECSECGKAFIQKSTLSMHQRIHRGEKPYVCTECGKAFFHKSHFI
THERIHTGEKPYECSICGKSFTKKSQLHVHQQIHTGEKPYRCAECGKAFTDRSNLFTHQKIHTGEKPYKC
SDCGKAFTRKSGLHIHQQSHTGERHYECSECGKAFARKSTLIMHQRIHTGEKPYICNECGKSFIQKSHLN
RHRRIHTGEKPYECSDCGKSFIKKSQLHEHHRIHTGEKPYICAECGKAFTIRSNLIKHQKIHTKQKPYKC
SDLGKALNWKPQLSMPQKSDNGEVECSMPQLWCGDSEGDQGQLSSI

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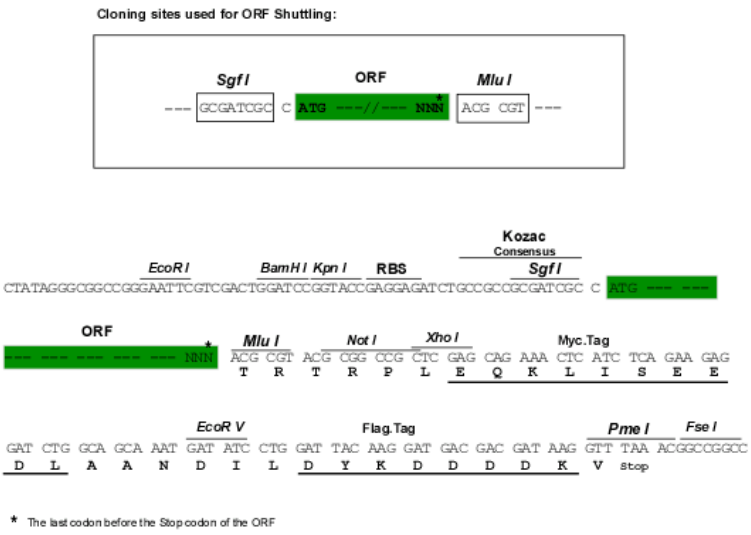
Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001007101

ORF Size: 2448 bp

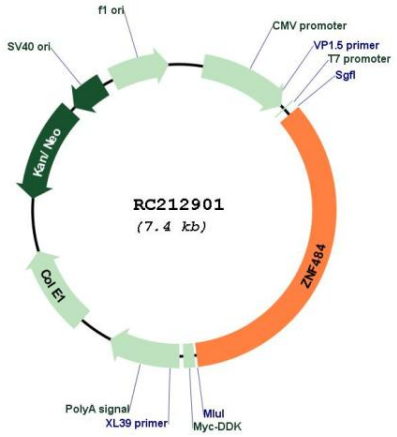
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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_001007101.3
RefSeq Size:	4726 bp
RefSeq ORF:	2451 bp
Locus ID:	83744
UniProt ID:	Q5JVG2
Cytogenetics:	9q22.31
MW:	94 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC212901