

Product datasheet for **RC205757**

ZNF184 (NM_007149) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF184 (NM_007149) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF184
Synonyms:	kr-ZNF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC205757 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAAGATCTGTCTCTCCAGACTCCACCTTCTCCAAGGGGGACATAATCTACTCTCATCAGCCAGTT
TTCAGGAATCGGTGACTTCAAGGATGTGATAGTGGACTTTACCCAGGAAGAATGGAAACAGCTGGACCC
TGGCCAGAGAGATTTGTTCAAGGATGTGACATTGGAAAATTATACACACCTGGTCTCTATAGGACTCCAA
GTTTCTAAACCTGATGTGATTTCCAGTTAGAGCAAGGGACAGAGCCATGGATCATGGAGCCAAGCATT
CAGTAGGTACCTGTGCAGACTGGGAGACAAGACTTGAAAAAGTGTGTCAGCCCCAGAGCCTGACATTT
TGAAGAAGAGCTATCTCCAGAGTAATAGTGGAAAAACACAAAAGAGATGATTCTTGAGTTCCAACCTG
CTAGAAAGTTGGGAATATGAAGGCAGTTAGAGAGACAGCAGGCAACCAACAGACACTGCCAAAGGAAA
TAAAGGTAAACGAAAAGACAATACCCAGTTGGGAAAAAGCCCTGTAATGAATTTGGGAAAAGTGT
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CAGAATCAAACCCAGTTAAAAAGAGAAAATCTTGTAAAGTGAATGAATGTGGGAAAGCCTTTAGTTATT
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AGCCTTACGCGGAGTGAACCTTATAAACCATCAAAGAATTCATACTGGAGATAAACCATATAAATGT
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AACCATATAAATGTGATGAATGTGGAAAAGCCTTGTAGTGTGGAAAAGCCTTACCCAGAGAGGCCACTT
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CAACATCAAAAACTCACACAGAAGAAAAACCTACCAGTGAATAAATGTGAAAAGACCTTTAGCCAGA
GCTCCCATCTAACTCAGCATCAACGAATTCACACTGGGGAGAAGCCCTATAAGTGCAATGAATGTGACAA
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AGCCTTTGGATGAATGATTGTGGAAAATCCTTCAGATATCGCTCTGCTCTCAACAAACATCAGAGACT
GCATCCTGGCATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205757 protein sequence
Red=Cloning site Green=Tags(s)

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MEDLSSPDSTLLQGGHLLSSASFQESVTFKDIVDFTQE EWKQLDPGQRDLFRDVTLENYTHLVSIGLQ
VSKPDVISQLEQGTEPWIMEPSIPVGT CADWETRELENSVSAPEPDI SEEEL SPEVIVEKHKRDDSWSNL
LESWEYEGSLERQQANQQTLPKEIKVTEKTIPSW EKGPNNEFGKSVNVSSNLVTQEPSPEETSTKRSIK
QNSNPVKKEKSKCNECGKAFSYCSALIRHQRTHTGEKPYKCNECEKAFSRSENLIHQRIHTGDKPYKC
DQCGKGFIEGPSLTQHQR IHTGEKPYKCDECGKAFSQRTHLVQHQR IHTGEKPYTCNECGKAFSQRGHFM
EHQKIHTGEKPFKCECDKTFTRSTHLTQH QKIHTGEKTYKCNECGKAFNGPSTFIRHHMIHTGEKPYEC
NECGKAFSQHSNLTQH QKTHTGEKPYDCAECGKSF SYWSSLAQHLKIHTGEKPYKCNECGKAFSYCSSLT
QHRR IHTREKPFECSECGKAFSYL SNLNQH QKTHTQE KAYECKECGKAFIRSSSLAKHERIHTGEKPYQC
HECGKTF SYGSSLIQHRKIHTGERPYKCNECGRAF NQNIHLTQH KRIHTGAKPYECAECGKA FRHCSLA
QH QKTHTEEKPYQCNKCEKTF SQSSHLTQH QR IHTGEKPYKCNECDKAFSRSTHLTEHQNTHTGEKPYNC
NECRKTF SQSTYLIQHQR IHSGEKPF GCNDCGKSF RYRSALNKHQRLHPGI
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6521_f06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_007149

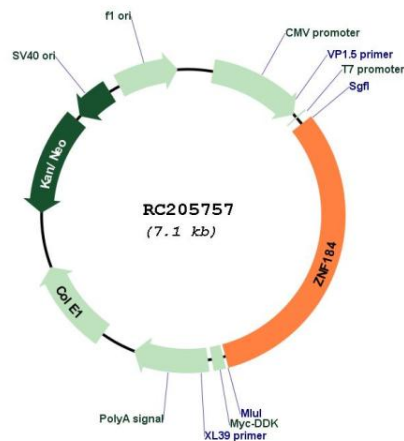
ORF Size: 2253 bp

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](#)

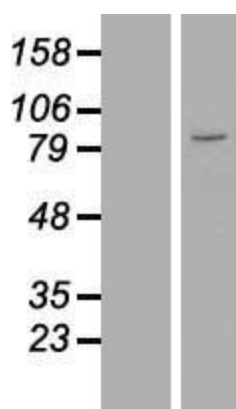
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_007149.1 , NP_009080.1
RefSeq Size:	3119 bp
RefSeq ORF:	2256 bp
Locus ID:	7738
UniProt ID:	Q99676
Cytogenetics:	6p22.1
Domains:	KRAB, zf-C2H2
MW:	86.2 kDa
Gene Summary:	The protein encoded by this gene is predicted to be a Kruppel C2H2-type zinc-finger protein family member. Sequence analysis predicts that the protein contains two Kruppel associated box (KRAB) boxes in the N-terminus and highly conserved zinc finger motifs at the C-terminus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2016]

Product images:



Circular map for RC205757



Western blot validation of overexpression lysate (Cat# [LY416155]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205757 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).