

Product datasheet for **RC216051**

ZNF197 (NM_001024855) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF197 (NM_001024855) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF197
Synonyms:	D3S1363E; P18; VHLaK; ZKSCAN9; ZNF20; ZNF166; ZSCAN41
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC216051 representing NM_001024855 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

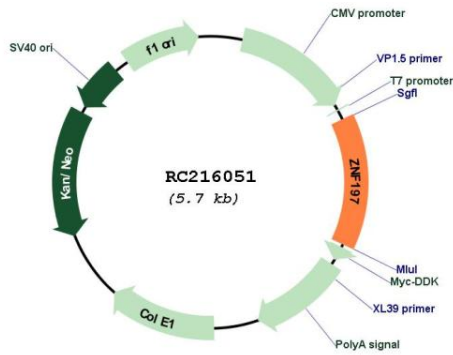
ATGACAAGAGAAAATGTAGCCACAATGCTCTGAGACAAGAGGGCCTTGTGAAGGGGAAGGATGATACCT
GGAAATGGGGAACCAGCTTCCAAGGAAGTAGCTCCTCTGTTTGGGAGACCTCCACCTACACTTTAGACA
ATTACGTTACCATGAGACATCTGGACCCAGGAAGCCCTGAGCCGGCTCAGGGAAGTCTGTCGCCGGTGG
CTGAGACCAGAAGCACGCACCAAGGCACAGATCCTGGAGCTGCTGGTGTGGAGCAGTTTCTGAGCATCC
TGCTGGGGAGATTCCGGACCTGGGTACAGCTCCATCACCTGGAAGTGGCGAGGAGGCTGTGGCCCTGGT
AGAGGAGCTGCAGAAAGACCTTGTGACCCAGCAATACAAGTTCCAGTCCTTGCAAGGATCAGGACACT
CTCCAGAAGGTGGTGTGAGTGCCCCAGGAACAACACTTCCTCCTGTACTTCCCTGGCAGCCACATAGCAGCTG
AAATTTGCCCGCATCCTCCTACTGACCTAGTGGCATTCAACCTCCAGGATCCTCAGCATGATTCTCCTGC
CCCTGAAGCTTCTGCCCTTCCAGGAAGAGAACCAAGAAATCAATTAATGGCACTTATGCTCCTAACA
GCCCAGCCCAGGAGTTGGTGTGTTTCGAGGAGGTGTGATGCTTCACTTCAGAGGAATGGGCATGTC
TGGGCCAATCCAGAGGGCCTTGTACTGGGATGTGATGCTGGAGAATTATGGAATGTGACCTCCCTAGG
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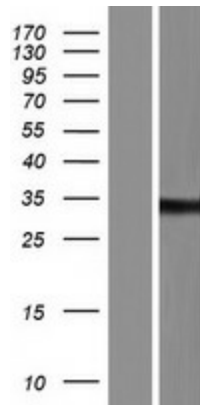


Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) 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_001024855.3
RefSeq Size:	2965 bp
RefSeq ORF:	804 bp
Locus ID:	10168
UniProt ID:	O14709
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome, Transcription Factors
MW:	30 kDa
Gene Summary:	<p>This gene product belongs to the zinc finger protein superfamily, members of which are regulatory proteins characterized by nucleic acid-binding zinc finger domains. The encoded protein contains 20 tandemly arrayed C2H2-type zinc fingers, a Kruppel-associated box (KRAB) domain, and a SCAN box. This transcript turns over rapidly and contains 3' UTR AUUUA motifs, which are often a hallmark of rapid turnover. It is overexpressed in some thyroid papillary carcinomas. This gene is located in a cluster of zinc finger genes at 3p21. Naturally-occurring readthrough transcription is observed between this gene and the upstream zinc finger protein 660 gene and is represented by GeneID:110354863. [provided by RefSeq, May 2017]</p>

Product images:



Circular map for RC216051



Western blot validation of overexpression lysate (Cat# [LY422548]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216051 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).