

Product datasheet for **RC224628**

ZNF167 (ZKSCAN7) (NM_025169) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF167 (ZKSCAN7) (NM_025169) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF167
Synonyms:	ZFP; ZNF64; ZNF167; ZNF448; ZSCAN39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC224628 representing NM_025169 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCACTGCAGGCAGGGGAAATTTAGGCCTCATCCCCAGGAGCACTGCTTTCCAGAAGCAAGAGGGGC
GCCTGACTGTGAAGCAGGAGCCAGCAAACCAGACCTGGGGCAGGGCAGCAGTCTCCAGAAGAATATCC
TCCTGTCTGCGAAATCTCCGGCTACACTTCAGGCAATTGTGTTACCACGAGATGTCTGGCCCGCAGGAA
GCATTGAGCCGGCTTCGGGAGCTCTGCCGCTGGTGGCTCATGCCAGAGGTGCACACCAAGGAGCAGATCC
TGGAGCTGCTGGTCTTGAAGCAGTTCTGAGCATCCTCCCTGGGAGCTCCGGACCTGGGTGCAGCTGCA
TCAACCCTGAGAGTGGTGAGGAGGCTGTGGCTGTGGTGGAGGATTTCCAGAGACACCTCAGTGGATCAGAG
GAGGTTTTAGCCCCAGCACAGAAACAGGAAATGCATTTTGAAGGAGACAACAGCTCTGGGTACAACAAGG
AATCTCCTCCTACCTCACCCCTCAGTGGGGGCTCAGCCCTGGAGCCACCTGGAGCCTCCTTATGACCC
AGGGACACACCACCTCCCAGTGGGGACTTCGCTCAATGTACTTCTCCAGTTCTACCCTTCTCAAGTG
GGAACTCAGGAGACCAAGCAGGGGCAACTGTACTTCGGATGGTCAGGCCCCAGGATACTGTGGCATATG
AGGACCTATCTGTAGACTACACTCAGAAGAAATGGAAAAGTCTCACACTCAGTCAGAGCCCTGCAGTG
GAACATGATGCCAGAAAATCACCATAGCATGGCCTCCTTGGGCTGGAGTACAATGGCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC224628 representing NM_025169
Red=Cloning site Green=Tags(s)

MTTAGRGNLGLIPRSTAFQKQEGRLTVKQEPANQTWGQGSLLQKNYPPVCEIFRLHFRQLCYHEMSPQPE
 ALSRLRELCRWWLMPEVHTKEQILELLVLEQFLSILPGEIERTWVQLHHPESGEEAVAVVDFQRHLSGSE
 EVSAPAQKQEMHFEETALGTTKESPTSPSSGGSAPGAHLEPPYDPGTHHLPDFAQCTSPVPTLPQV
 GNSGDQAGATVLRMVRPQDTVAYEDLSVDYTKKWKSLTLSQRALQWNMPENHHSMSASLGWSTMA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1264_f08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_025169

ORF Size: 828 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_025169.3](#)

RefSeq Size: 1792 bp

RefSeq ORF: 831 bp

Locus ID: 55888

UniProt ID: [Q9P0L1](#)

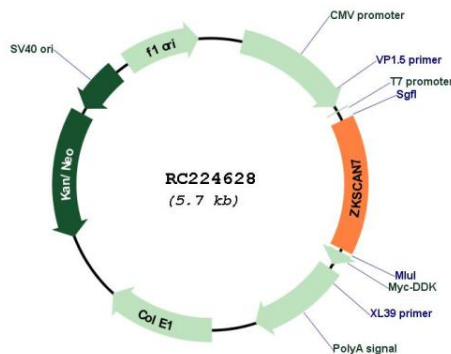
Cytogenetics: 3p21.31

Protein Families: Transcription Factors

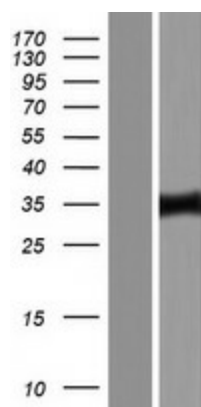
MW: 30.6 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

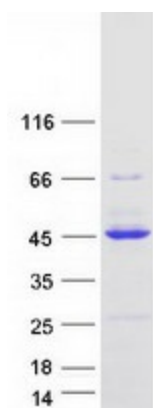
Product images:



Circular map for RC224628



Western blot validation of overexpression lysate (Cat# [LY410855]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC224628 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ZKSCAN7 protein (Cat# [TP324628]). The protein was produced from HEK293T cells transfected with ZKSCAN7 cDNA clone (Cat# RC224628) using MegaTran 2.0 (Cat# [TT210002]).