

Product datasheet for **SC314611**

ZNF167 (ZKSCAN7) (NM_018651) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF167
Synonyms:	ZFP; ZNF64; ZNF167; ZNF448; ZSCAN39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC314611 representing NM_018651.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCACTGCAGGCAGGGGAAATTTAGGCTCATCCCAGGAGCACTGCTTTCCAGAAGCAAGAGGGG
CGCCTGACTGTGAAGCAGGAGCCAGCAACCAGACCTGGGGCAGGGCAGCAGTCTCCAGAAGAATAT
CCTCCTGTCTGCGAAATCTTCCGGCTACACTTCAGGCAATTGTGTACCACGAGATGTCTGGGCCGAG
GAAGCATTGAGCCGGCTTCGGGAGCTCTGCCGCTGGTGGCTCATGCCAGAGGTGCACACCAAGGAGCAG
ATCCTGGAGCTGCTGGTCTTGAGCAGTTCCTGAGCATCTCCCTGGGGAGCTCCGGACCTGGGTGCAG
CTGCATCACCTGAGAGTGGTGAAGGAGCTGTGGCTGGTGGAGGATTTCCAGAGACACCTCAGTGGA
TCAGAGGAGGTTTTCAGCCCCAGCACAGAAACAGGAAATGCATTTTGAGGAGACAACAGCTCTGGGTACA
ACAAAGGAATCTCCTCACTCACCCCTCAGTGGGGCTCAGCCCTGGAGCCACCTGGAGCCTCCT
TATGACCCAGGGACACACCCTCCCACTGGGACTTCGCTCAATGTACTTCTCCAGTTCCTACCTT
CCTCAAGTGGGAACTCAGGAGACCAAGCAGGGCACTGTACTTCGGATGGTCAAGCCCCAGGACT
GTGGCATATGAGGACCTATCTGTAGACTACACTCAGAAAGAAATGGAAGTCTCACACTCAGTCAGAGA
GCCCTGCAGTGAACATGATGCCAGAAATCACCATAGCATGGCCTCCTTGGCAGGTGAGAATGATG
AAGGGTTGAGAGTGAATCCAAAGCAGGAATTTTTAAAGGATCAGAGTCATCTAACAGGACATCAGGG
GACTCTTTGGGTGGTTCCTGGGCGAGCAGAGCTGGAGATGTTGTGAAGATACTTTCAAGGAGTTA
GAAGGACAAACCTCAGATGAAGAAGGAGCAGACTAGAAATGATTCTTGGAATAACAGATGAAGAT
AAGAAAAATCCACAAAAGACAGATATGACAAATATAAGGAAGTTGGGGAACATCCACCTCTGTCTTCC
AGTCTGTGAACATGAAGGAGTTTAAAGGGACAGAAATCCTATCGATGTGATGAATGTGGCAAGCT
TTCAATCGGAGTTCTCACCTATTGGCCATCAGAGAATCCCACTGGAGAGAAACCTATGAGTGAAT
GAGTGTGGGAAGACCTTCAGGCAACCTCCAGCTCATTGTTTCATCTCAGAACCCACACAGGGGAAAA
CCCTATGAATGCAGTGAATGTGAAAGGCCTATAGGCACAGCTCCCATCTCATTCAACACAGAGACTC
CATAATGGGAGAAACCTATAATGTGAATGAATGTGCAAAAGCCTTTACTCAGAGTTCGGACTCACT
GACCACAGAGAACCCATACTGGGAGAAACCTATGAATGCAATGAGTGTGGAGAGGCATTTCATTCGA
AGCAAAAGCTTGTCTCGACATCAGTCTCGACACTGGTAAGAAACCTTACAAATGCAATGAGTGTGGG
AGAGCATTCTGTTCCAATAGAAATCTCATTGACCATCAGAGAATCCCACTGGGAGAAAGCCTTATGAG
TGATGTGAATGTGGCAAGCCTTCAGTCGGAGTAAATGTCTTATTCGACATCAGAGCCTCCATACTGGG
GAAAAGCCATACAAATGTAGTGAATGTGGAAAGCCTTCAATCAGAACTCTCAACTATTGAGCATGAG
CGAATTCATACTGGAGAAAAACCTTTTGAATGTAGCGAGTGTGGTAAGGCATTGAGTGTGAGTAAATGT
CTTATTCGGCACCAGAGACTTCACACGGGTGAAAAGCCTATAAATGCAATGAGTGTGGAATACCTTC
AATCAAACTCACACCTTATTATACACAGAGAATTCACACTGGTGAAGAACCTATGAATGTGAATGAG
TGTGGGAAGGTATTCAGTTATAGCTCCAGCCTTATGGTACATCAGAGAACCATACTGGGAAAAACCC
TATAAATGCAATGATTGTGGGAAAGCTTTTGTGACAGCTCACAGCTTATTGTACACAGAGAGTCCAC
ACCGGAGAGAAACCTTATGAATGTAGTGAATGTGGAAAGCCTTATGTCAGCGTTCCACTTTAATCAC
CACCAGCGAACTCACACTGGAGAGAAGTCTCAGGTCTGGCTTGGTCAGTTTCTTAA
ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGCG

Restriction Sites:

SgfI-MluI

ACCN:

NM_018651

Insert Size:

2265 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_018651.3
RefSeq Size:	3529 bp
RefSeq ORF:	2265 bp
Locus ID:	55888
UniProt ID:	Q9P0L1
Cytogenetics:	3p21.31
Domains:	KRAB, LER, zf-C2H2
Protein Families:	Transcription Factors
MW:	85 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 3 both encode the same isoform (1).