

## Product datasheet for **SC305241**

### **ZNF167 (ZKSCAN7) (NM\_025169) 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:      | >SC305241 representing NM_025169.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

```
GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCACTGCAGGCAGGGGAAATTTAGGCCTCATCCCAGGAGCACTGCTTTCCAGAAGCAAGAGGGG
CGCCTGACTGTGAAGCAGGAGCCAGCAAACCAGACCTGGGGGCAGGGCAGCAGTCTCCAGAAGAAGTAT
CCTCCTGTCTGCGAAATCTTCCGGCTACACTTCAGGCAATTGTGTTACCACGAGATGTCTGGGCCGAG
GAAGCATTGAGCCGGCTTCGGGAGCTCTGCCGCTGGTGGCTCATGCCAGAGGTGCACACCAAGGAGCAG
ATCCTGGAGCTGCTGGTGCTTGAGCAGTTCTGAGCATCCTCCCTGGGGAGCTCCGGACCTGGGTGCAG
CTGCATCACCCTGAGAGTGCTGAGGAGGCTGTGGCTGTGGTGGAGGATTTCAGAGACACCTCAGTGGA
TCAGAGGAGGTTTCAGCCCCAGCACAGAAACAGGAAATGCATTTTGAGGAGACAACAGCTCTGGGTACA
ACAAAGGAATCTCCTCTACCTACCCCTCAGTGGGGCTCAGCCCTGGAGCCACCTGGAGCCTCCT
TATGACCCAGGGACACACCACCTCCCAGTGGGGACTTCGCTCAATGTACTTCTCCAGTTCTACCTT
CCTCAAGTGGGGAAGTCAAGGACCAAGCAGGGCAACTGTACTTCGGATGGTCAGGCCCCAGGATACT
GTGGCATATGAGGACCTATCTGTAGACTACACTCAGAAGAAATGAAAAAGTCTCACACTCAGTCAGAGA
GCCCTGCAGTGGAACATGATGCCAGAAAATCACCATAGCATGGCCTCCTGGGCTGGAGTACAATGGCG
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

|                    |           |
|--------------------|-----------|
| Restriction Sites: | SgfI-MluI |
| ACCN:              | NM_025169 |
| Insert Size:       | 831 bp    |



|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>OTI Annotation:</b>        | 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.                                                                                                                                                                                                                                                      |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <a href="#">NM_025169.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>           | 1779 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 831 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 55888                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <a href="#">Q9P0L1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | 3p21.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Families:</b>      | Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MW:</b>                    | 30.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Summary:</b>          | <p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1. Variants 2 and 4 both encode the same isoform (2).</p>                                                                                                                                                                             |