

## Product datasheet for **SC335924**

### ZNF434 (ZSCAN32) (NM\_001284529) Human Untagged Clone

#### Product data:

|                           |                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                        |
| Product Name:             | ZNF434 (ZSCAN32) (NM_001284529) Human Untagged Clone                                       |
| Tag:                      | Tag Free                                                                                   |
| Symbol:                   | ZNF434                                                                                     |
| Synonyms:                 | HCCS-5; ZNF434                                                                             |
| Mammalian Cell Selection: | Neomycin                                                                                   |
| Vector:                   | pCMV6-Entry (PS100001)                                                                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                                       |
| Fully Sequenced ORF:      | >SC335924 representing NM_001284529.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGGCGGAAGGACTCTGGGAGCAGGGTTTTCTGCGGACCCAGAACAGTGTGCACCAAGTTCAAAAGC  
 CTACAGTTGAGTTACCGCAAAGTGAGGAGAGGCCGTGTGCCTGAGCCTTGATCTTTATGAGGAAATG  
 AATGCTCTTTCAGGCTCCTGGGCCTCTGCACCTCCTATGGCAAGCGATGCTGTTCTGGCCAAGAAGGA  
 AGTGATATTGAGGCTGGAGAGCTGAATCACCAGAATGGGGAACCCACGGAGGTAGAAGATGGCACTGTG  
 GATGGTGCAGACAGGGATGAAAAGGACTTCAGGAATCCTGGCCAGGAAGTCAGGAACTAGACCTGCCA  
 GTGCTGTTCCTCAACAGACTTGTTTTGAGTTCAAGAACGAGATTAAGAAAGAAATCTAAATGGGAT  
 GATTCAGAGGAAGTAGAAATAACAAGGCTTTACAGAGAAAGTCCAGAGGAGTTTATTGGCACTCTGAG  
 CTACAAAAGGCTTGGAGAGTGAGCCAACATCAAGAAGGCAATGTAGAAATCTCCAGGGGAGAGTGAG  
 GAGAAAACCCATCCCAGGAGAAGATGAGTCACCAGAGTTTTGTGCCAGGGACAAGCCTGTACACAT  
 ATCCTCTGTGGGAAAAGTGTCTCAGAGTGTGCACTCTCCCCACAAGCCAGCGCTCAAAGTGGAAAA  
 GTATCTCAATGTCCTGAATGTGGGAAAACCTTTAGCCGAAGTTCTTATCTTGTTCGGCATCAAAGAATC  
 CACACAGGCGAGAAGCCTCACAAGTGCAGTGAGTGCGGGAAGGGCTTTAGTGAGCGCTCCAACCTCACT  
 GCCACCTACGAACTCACACAGGGGAGAGGCCCTATCAGTGTGGCAATGTGGGAAAAGCTTCAACCAG  
 AGTTCAGCCTCATTGTCCACCAGAGAGCCCATACCGGGGAAAAGCCTTACCAGTGCAATTGTCTGTGGA  
 AAGAGATTCAACAACAGTTCCTCAGTTCAGTGCTACCGGCGCATCCACACTGGGGAGAGCCCATACAAG  
 TGTGCAGTGTGTGGGAAAATCTTCAACAATAGCTCCCACTTCAGTGCCCAAGGAAAACCCACACTGGT  
 GAAAAGCCTTACAGGTGTTCTCACTGTGAGAGAGGCTTCACTAAGAACTCTGCCCTACCCGTCATCAG  
 ACAGTACACATGAAAGCAGTACTCTCATCAGGAAGGAAGAGATGCGTTA**TGA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_001284529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>           | 1227 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>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>RefSeq:</b>                | <u><a href="#">NM_001284529.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 2240 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1227 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 54925                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">Q9NX65</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 16p13.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Families:</b>      | Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MW:</b>                    | 46.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Summary:</b>          | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                                           |