

Product datasheet for **SC331616**

ZNF568 (NM_001204835) Human Untagged Clone

Product data:

| | |
|---------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF568 (NM_001204835) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ZNF568 |
| Synonyms: | ZFP568 |
| Vector: | pCMV6-Entry (PS100001) |



[View online »](#)

Fully Sequenced ORF: >SC331616 representing NM_001204835.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGACATCTCAATCTTCAGTGATCAGCAATAGCTGTGTGACAATGGAGCGTTTGAGCCACATGATGGAA
AGGAAAGCTTGGTGTCTCAAGAGTCTGCCCTTCCGAGGAAGAAGAGGATACAACCGGCCTCTTGAA
ACAGTGACATTTAAGGATGTGGCTGTTGACCTTACCCAGGAGGAGTGGGAGCAAATGAAACCTGCTCAA
AGAAACTTGTATCGAGATGTGATGCTGGAGAACTACAGCAACCTAGTCACAGTGGGCTGTCAAGTCACC
AAACCGGATGTGATATTCAAGTTGGAGCAAGAAGAGGAGCCCTGGGTGATGGAGGAAGAAAATGTTTGGG
AGGCACCTGTCCAGTTTGGAAAGTTGATGAACAGATCAAGAAGCAACAGGAAACACTTGTGAGGAAAGTC
ACATCCATCTCCAAGAAAATTCTGATAAAGGAAAAAGTCATTGAATGTAAAAAAGTTGCGAAAATATTT
CCTCTGAGTTCAGACATTGTTACTTCAAGACAAAGCTTCTATGACTGTGACTCACTTGATAAGGGTTTG
GAACATAATTTAGACTTACTTAGATATGAGAAAGGCTGTGAAGAGAGAAAACAGAGTAATGAGTTTGGG
AAACCATTTTACCATTGTGCATCCTATGTTGTAACCCCTTTAAGTGAATCAGTGTGGACAAGACTTC
AGTCATAAATTTGACCTCATTAGACATGAGCGAATTCATGCTGGAGAGAAAACCTTACGAATGTAAAGAA
TGTGGAAAAGCCTTCAGTAGGAAGGAAAATCTTATTACACATCAGAAAATTCATACTGGGAAAAACCG
TATAAGTGAATGAATGTGGAAAAGCTTTCATTAGATGTCAAACCTTATTAGACACCACAGAATTCAT
ACTGGGGAGAAAACCTTATGCATGTAAGGATTGTTGGAAAAGCCTTCAGTCAGAAAATCAAATCTCATTGAA
CATGAGCGAATTCACACTGGAGAGAAAACCTATGAATGTAAAGAAATGTGGGAAAATCCCTTCAGCCAGAAG
CAAAATCTTATTGAGCAGAGAAAATTCATACTGGGGAGAAAACCTTATGCATGTAATGAATGTGGTAGA
GCTTTTTCTCGAATGTCTCTGTTACGCTACATATGAGAAGTCACACAGGGGAGAAAACCTATAAATGT
AATAAATGTGGAAAAGCTTCTCTCAATGCTCAGTATTTATTATACATATGAGAAGTCACACTGGTGAG
AAACCCATGTATGTAGTGAATGTGGAAAAGCCTTCTCTCAGAGTTCATCCCTAACCGTACATATGCGA
AATCATAACAGCTGAGAAAACCTATGAATGTAAAGAAATGTGGAAAAGCCTTCAGCAGGAAAAGAAAATCTC
ATTACACATCAGAAAATTCACACTGGAGAGAAAACCTTATGAATGCAGTGAATGTGGGAAAAGCTTTTATT
CAGATGTCAAACCTCATTGACACCAGAGAATTCATACGGGTGAGAAAACCTATGCATGTACAGTATGT
GGAAAAGCCTTTAGTCAGAAAATCAAACCTCACTGAACATGAGAAAATTCATACTGGAGAGAAAACCTTAT
CATTGTAATCAATGTGGGAAAAGCTTTCAGTCAGAGACAAAATCTTCTTGAGCATGAAAAAATTCATACT
GGAGAGAAAACCTTCAAATGTAATGAATGTGGTAAAGCCTTCTCTCGAATCTCATCCCTCACTCTTCAT
GTGAGAAGTCACACAGGGGAGAAAACCTATGAATGTAATAAATGTGGGAAAAGCCTTTTCTCAGTGCTCA
TTACTTTATTACATATGAGAAGTCATACTGGTGAAGAAAACCTTTGAATGTAATGAATGTGGGAAAAGCA
TTCTCTCAAAGAGCATCCCTTTCTATACATAAGAGAGGTCATACAGGTGAGAGACACCAAGTATATTAA
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_001204835

Insert Size: 1932 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).

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: | <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_001204835.1 |
| RefSeq Size: | 4122 bp |
| RefSeq ORF: | 1932 bp |
| Locus ID: | 374900 |
| UniProt ID: | Q3ZCX4 |
| Cytogenetics: | 19q13.12 |
| Protein Families: | Transcription Factors |
| MW: | 74.2 kDa |
| Gene Summary: | <p>Has transcriptional repression activity, partially through the recruitment of the corepressor TRIM28 but has also repression activity independently of this interaction. Essential during embryonic development, where it acts as direct repressor of a placental-specific transcript of IGF2 in early development and regulates convergent extension movements required for axis elongation and tissue morphogenesis in all germ layers. Also important for normal morphogenesis of extraembryonic tissues including the yolk sac, extraembryonic mesoderm and placenta. May enhance proliferation or maintenance of neural stem cells.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p> |