

## Product datasheet for SC122797

### CRIPT (NM\_014171) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CRIPT (NM\_014171) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CRIPT  
**Synonyms:** HSPC139; SS MDF  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_014171 edited  
GGGGTTGTAGTGTGTTGTTTTTCAGCCTGCTGCTGCTGCTGTTGCGGCTAGGGGAA  
CCGTCGTGGGGAAGGATGGTGTGCGAAAAATGTGAAAAGAACTTGGTACTGTTATCACT  
CCAGATACATGGAAAGATGGTGTGCTAGGAATACCACAGAAAGTGGTGGAAAGAAAGCTGAAT  
GAAAATAAAGCTTTGACTTCAAAAAAGCAAGATTTGATCCATATGGAAAGAATAAGTTC  
TCCACTTGTAGAAATTTGAAAAGTTCTGTGCACCAACCAGTTTCTCATTACTGCCAGGGC  
TGTGCCTACAAAAAGGCATCTGTGCGATGTGTGGAAAAAGTTTTGGATACAAAAAC  
TACAAGCAAACATCTGTCTAGATGTATTGATGGAATTTCTGGCTTTCTAAATGATTTTAC  
TTTCTGCCTTGAATTTTCAAGGCATAGATGTCACTTACAGAATAACATGTTTTAAGATA  
ATTAAGTTTAAACCAGAGAATTTGATTGTTACTCATTACTCTCATGTTCTAAACAGCA  
ACAGTGTAAGTACTGTTTTGTTGTAATGGTTATTTTCCTTATAAGAATTTTAAGAACTA  
AGTGGCAAATTCATGAAAATATTTCTCAGTTCTGTATGCACTTTTATTTAACATTATTC  
ATATAATTCTCCCCCACCCTTTATTTATAGATACTGCAAAAAGTGAAGGAGATAATA  
GATACTTTGCTCTGAATTTGGCATCCAGAGTTAACATTTCTCCCCTCACTCCCTTGCTGG  
TGT CATAGTTATTAGAATCAGCAGCCTCTTAACAAATTGCGGTTTCATAGGATATATAAA  
TGTTTCAAGCCATTATTGCTGAATGGTTCTTTAGTTATTAACCTAGACCCAAATCAAAGA  
CCAGTTGGATTTATGATATTTTTATTTGTTCTTGCAAGCAAAAGTCCAGTTTCTTTAAT  
ATGTGACCAAGAACAAGGAGCATCCATATGGCCAAATAAATACACTGAATTTTAGAAA  
AACATATTACTTTGAATTCAAATTGTCATGAAAACCAAGACAGTGTGTTGTCATGTTGCA  
TGTAATGAAAATAAATCCCTGCTCTGAGAAAAGCTCTTTGAAGCAAAAACCAACTTTTT  
TTTTTTTTTTTTACCTCCTGTCTTGCCCCCTAAAAGAAATAAATAGAGCAAACATCTCGA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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|                                     |   |
|-------------------------------------|---|
| <b>5' Read Nucleotide Sequence:</b> | >OriGene 5' read for NM_014171 unedited<br>NCCCTGTTTAGATTTGTATACGACTTATATAGGGCGGCCGCGATTTCGGCCATTACGGCCG<br>GGGTTGTAGTGTGTTGTTTTTCAGCCTGCTGCTGCTGCTGCTGTTGCGGCTAGGGGAAC<br>CGTCGTGGGAAGGATGGTGTGCGAAAAATGTGAAAAGAACTTGGTACTGTTATCACTC<br>CAGATACATGGAAAGATGGTGTAGGAATACCACAGAAAGTGGTGAAGAAAGCTGAATG<br>AAAATAAAGCTTTGACTTCAAAAAAGCAAGATTTGATCCATATGGAAAGAATAAGTTCT<br>CCACTTGTAGAATTTGTAAAAGTTCTGTGCACCAACCAGGTTCTCATTACTGCCAGGGCT<br>GTGCCTACAAAAAGGCATCTGTGCGATGTGTGAAAAAAGGTTTTGGATACAAAAACT<br>ACAAGCAAACATCTGTCTAGATGTATTGATGGAATTTCTGGCTTCTAAATGATTTTACT<br>TTCTGCCTGAATTTTCAAGGCATAGATGTCAACTTACAGAATAACATGTTTTAAGATAA<br>TTAAGTTTAAACCAGAGAATTTGATTGTTACTCATTCTCATTCTAAACAGCAA<br>CAGTGAACTAGTCTTTTGTGTAATGGTTATTTTCTTATAAGAATTTAAGAACTAA<br>GTGGCAAATTCATGAAAATATTTCTCAGTTCTGTATGCACTTTTATTTAACATTATTCA<br>TATAATTTCTCCCCCACCCTTTATTTATAGATACTGCAAAAGTGAGAAGGAGATAATAG<br>ATACTTTGCTCTNGATTTGGCATCCAGAGTTAACATTTCTCCCCTCACTCCCTTGCTGGT<br>GTCATAGTTATTAGAATCAGCAGCTCTTAACTAATTGCNGTTTCATAGGATATATAAAT<br>GTTTA |
| <b>Restriction Sites:</b>           | Please inquire  |
| <b>ACCN:</b>                        | NM_014171   |
| <b>Insert Size:</b>                 | 1229 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>                      | <a href="#">NM_014171.3</a> , <a href="#">NP_054890.1</a>   |
| <b>RefSeq Size:</b>                 | 1255 bp   |
| <b>RefSeq ORF:</b>                  | 306 bp  |
| <b>Locus ID:</b>                    | 9419  |
| <b>UniProt ID:</b>                  | <a href="#">Q9P021</a>  |
| <b>Cytogenetics:</b>                | 2p21  |

**Gene Summary:**

This gene encodes a protein that binds to the PDZ3 peptide recognition domain. The encoded protein may modulates protein interactions with the cytoskeleton. A mutation in this gene resulted in short stature with microcephaly and distinctive facies. [provided by RefSeq, Jun 2014]