

## Product datasheet for **SC125655**

### CEP72 (BC000132) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CEP72 (BC000132) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEP72
Synonyms:	centrosomal protein 72 kDa; centrosomal protein 72kDa; FLJ10565; KIAA1519; MGC5307
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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## Fully Sequenced ORF:

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>OriGene sequence for BC000132 edited
CCGTTTGAACATGGCGCGGGCTGGCCCTCGGCTGGTGTCTGAGCGAGGAGCGGTTCCGG
CGAAGAGCGGCTTAGGGCTCACCGGACCTGGCTGAGCTTCACTTATTCTATTCCTG
GAACTTACCAAGAGAAGATCACCCACCTGGGACATTCTCTGATGAGTTAACAGGCTGA
AATCTTTGGATCTCTCGCGCACTCCTTGGTTAGTCTGGAGGGCATTCACTACCTGACTG
CATTGGAGAGTCTCAATCTCTACTACAACCTGCATCTCCTCGTTGGCAGAAGTGTTCGG
TCCACGCCTTAACCGAGCTCGTGGATGTGGACTCCGGCTGAACCCCGTGGTGAAGGTTG
AGCCTGACTACCGCCTTTTTGTTGTGCACCTGCTCCCAAGCTCCAGCAGCTGGACGATC
GCCCGTGAGAGCAAGCGAGCGGAAGGCTTCCCGACTGCATTTTGCATCAGAGGACTCAC
TCGACTCCAAAGAGAGCGTCCCAGCTTCTTTGAAAGAGGGCAGACCACACCACCCAGAG
CCAAGTGACCGAGGCTTGGCCAAGCAGAGCCTGGTCAATGGATGCGGATGACGAGGCGAG
TCCTGAACCTCATTGCAGAGTGCAGTGGGACCTCGGCAGGCTCCCGGGAGCAGAGCT
TCAGCCAGAAGGGCGTGAAGGCGACTCTCGTGGTTCCCAAGAATCCAGACATCTGTTGA
GCCCGCAGTTGGTACAGTACCAGTGTGGGACTCTGGGAAGCAGGGCCGTGAGACGAGGA
GGAGCAGCTGCAGAGGTGCTGTCTGGAGAAGATGCCTTGGAGCCAGCTCTGTGGAGAGC
TTCCGCCACTGTACGGAGCGGAGCCAGAGGCTCCCGTGCCCCCAGGCCACACAGTACT
TCACCCACACCCAGACTCCATGGATACCGAGGACTCGGCCTTCTCTCAGAAATTGGATT
TGTGAGGAGAAATGGTGCCTGGTCCCCTGCCAGCCCCGAAAGTGCAGGAAGCGAAGAA
TGCTGTGGGAAGATTCCAGACGTTTTTCGGACCAGGAGGGTTGGGCTGCCCGGAGAGAA
CTCATGGTCTCCGTGCCCAAGGAGAGCCTGAGCAGACAGGACAGCTCAGAAAGCAGGA
ACGGGAGGACCTTGTCTCAGCCTGAGGCCTCGGAGACTGAGGAGCAGAGGTCTCGGGTG
TGACCGACACCAGAGAGCCGCTCCTCCGGTCACTCGGCTCTACCCGGGAAGAAGACGG
CCCTGCAGGCGGGCTCCTGGAGACGCTTGGACTGGTGGACAGGAGCTGGGGCGGCT
GCAGGTCCTGCACAGCAACGAGGCACTTCTGCTCAGGCAAGACACATCTTGTCTCATCTG
TTGAAGAATTCACAGCAGCTCAGGACAGCTCTGCGATGGTGGTGAAGATGTCCGCTCCC
TGGCTCTGGAGAGTAAGTCCCTGCAAAGCCGCTTGTGAGCAGCAGCAGCAGCAGCAGCCC
GGGAGATGAGCGAGGTGACGGCGGAGCTGCACCACACACAAGGAGCTGGATGATTTGA
GACAACATTTAGATAAATCTTTGGAAGAGAACAGTAGGTAAAATCGCTTTTGTGAGTA
TGAAAAAGGAAGTGAAGAGTGCAGACACTGCAGCCAGTTAAATTTGCAGATCGCTGGAC
TTCAAACAAGTGTGAAGAGGCTGTGTGGCGAGATTGTGGAAGTGAAGCAGCACCTGGAGC
ACTACGACAAGATCCAGGAGCTCAGCAGATGCTGCAGGAGGCCACAGCTCCCTGGTCA
GCACCAATGAACACCTGCTGCAGGAGCTGAGCCAGGTGCGGGCGCAGCACAGAGCCGAGG
TGGAGCAGATGCACTGGAGCTACAGGAGCTCAAGAAGACCATGGCCCTGTTCCACACA
GCAGCGCCAGCCATGGAGGCTGCCAGGCCTGCTGACTCCTGCCGAGAAGCTGGGCCACCC
CTTAAGCTTCTGGTAAAGTTACATTGTCTGCACCTTTGACTTCTTTATTGAGTGTACT
GGCTGGCAAGAGTTCTCTCTTCTGTTGTAATTTTAGGATTTTGGAAATGATTCAGG
ACCTGTAGCTTGGTTTTCTAAAGCACCTCGTAAAATGATATGATTACTCCAAGCCCTCTG
CATGTTTTCAGACAGAACACATTGACATATTTTGAGACAACTGACTATTAATCTTGAT
CCAGTATCCTGAGATGAAGTAAATGCAGTGTCTACTGCCTGATGTGAAGAGAGCTATG
TATGATAATTAAGAAAATAATTTCTGTGTAACAAGCAATCTTTATTTAATAAAACAAT
ACATTGTTCTGAAAAAAAAAAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC000132 unedited NGTCAGATTTGTATACCATCACTATAGGCGGCCGCAATTCGCACGAGGGGCGGGGCTG GCCCTCGGCTGGTGTGAGCGAGGAGGCGGTTCCGGCGAAGAGCGGCTTAAGGCCTCACC GCGACCTGGCTGAGCTTCAGTCATTGTCTATTCTGGAACCTACCAAGAGAAGATCACCC ACCTGGGACATTCTGTGATGAGTTAACAGGTCTGAAATCTTTGGATCTCTCGCGCAACT CCTTGGTTAGTCTGGAGGGCATTCACTGACTGCATTGGAGAGTCTCAATCTCTACT ACAACTGCATCTCCTCGTTGGCAGAAGTGTTCGGCTCCACGCCTTAACCGAGCTCGTGG ATGTGGACTTCCGGCTGAACCCCGTGGTGAAGGTTGAGCCTGACTACCGCCTTTTGTG TGCACCTGCTCCCAAGCTCCAGCAGCTGGACGATCGCCCGTGAGAGCAAGCGAGCGGA AGGCTTCCCGACTGCATTTTGCATCAGAGGACTCACTCGACTCCAAAGAGAGCGTCCAG CTTCTTTGANAGAGGGCAGACCACACCACCCAGGCCAAGTGCACCGAGGCCTTGCCCA AGCAGAGCCTGGTCATGGATGCGGATGACGAGGCAGTCTGAACCTATTGCAGAGTGCG AGTGGGACCTCGCAGGCCTCCCGGGAGCAGGCTTCAGCCAGAAGGGGCGTGAGGCCG ACTCTCGTGGTCCCAAGATCAGACATCTGTTGAGCCCGCAGTTGGTACAGTACCAGTG TGGGACTCTGGGAAGCAGGGCCGTGAGACCAGNAGGAGCANCTGCAGAGGGTGTGTCT GGAGAAAATGCCTTGAGCAGCTCTGTGNAGAGCTTCGCCCTGTACGGANCGGAGCCCG AGCCCTCCGTGGCCNNACGCCAAAACGTAATTN
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC000132
<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="#">BC000132.2</a> , <a href="#">AAH00132.1</a>
<b>RefSeq Size:</b>	2366 bp
<b>Locus ID:</b>	55722
<b>Cytogenetics:</b>	5p15.33
<b>Gene Summary:</b>	The product of this gene is a member of the leucine-rich-repeat (LRR) superfamily of proteins. The protein is localized to the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. [provided by RefSeq, Jul 2008]