

Product datasheet for SC212431

CEP164 (NM_014956) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CEP164 (NM_014956) Human 3' UTR Clone
Symbol:	CEP164
Synonyms:	NPHP15
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014956
Insert Size:	1128 bp
Insert Sequence:	>SC212431 3'UTR clone of NM_014956 The sequence shown below is from the reference sequence of NM_014956. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CACAACAGAGTGAAGGTGTATCGCTTCAGGCCCTGAGCAGGGGCTTGGGGCAGCCAGCCTCTCCTC
CACCCAGACCAAGTGCCTGAGGAGCTGCCTGCCTTCTTCCATCTGAGAAAGCACCCCTCTTCCCCCTTT
GACTTGCAGGAGCCACCAGGGACCAGGGGGTTGAGTGGAACAGTAAAGCCACACATTCTGTGACTATAT
AACCTATCTCAGGCTAAATGTGTGGAAGTACGAGCTCTTGTGATTGACATGGCAAGCTGATGGCGT
GCGGTGGCTGCGGGGTATCAGGGCCGGGAGCCCTTTGGGAGGAAGGGAGGCGTTAGAGGAGCTGCCTTC
GGAGGCTCAGGGAGTCCCTTTGGAGCTGGTTGTTTCTTGGCCCTGCAGCGCACTGCTCGGGGCTCCCA
AGGAGGTTGTGTGTATGGTTCTTAATTCATCAGGACAAAGACCCCGCATGTGTGTACCCTGGGACCC
GATTTCTCTGGGCCCACATCTATCTCCAATACCTCAGCCTCAGATCAGACCCCTTCTTTTTTGTCTTTC
TTCTCTTAATTTTAAATGCCTCTTTTCTTGAGCATTCCATCTCTCTTTTGACCCTCTCAGGACTGGG
CTTAGCTGTCCAGAGCCCTGCCGAGGGTGCTGGGGGCTGCCCTCTGCAGGCACTGTGTTTTCTCAG
GGGCTGTCTCAGAACACCCCTCCTGCTCCCTGGGGCTCCTCAGGGAGCCATTTACGCTGGAGTCTCAG
GTCTCAAAAACAATTCTCCAGGAGGCCAAAAAAGACTGGGTTGGCTTCTGGTCCTCATGATGGCTTT
TATCCTCCTGGGACACTTTGGGTATATTATGCGCATTGTTCCATCTGTCTTTTCTACCTGTGCCACC
CCTGCCCTGATTCCACGGCTGCCTCAGGAGGCAAGGAGCTAGGCCGGTGCCCGGCCCTGGCAGC
AAGGGGTCTTTGTGAGTTGGAGATGCTGCCGTTGTGGCAGAGCGTCTGCAGCCCCGCTTCCATCAGC
AGGCTCTGGGGTGGGGGCTTTCAGGGGATGCTCTGATGTTTGTCCGTTGTTTAAATAAAATGCAC
TTATTTTGTTTTTTTTTTTTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_014956.5</u>
Summary:	This gene encodes a centrosomal protein involved in microtubule organization, DNA damage response, and chromosome segregation. The encoded protein is required for assembly of primary cilia and localizes to mature centrioles. Defects in this gene are a cause of nephronophthisis-related ciliopathies. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]
Locus ID:	22897
MW:	40.5