

Product datasheet for **SC216433**

KIAA1712 (CEP44) (NM_001145314) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KIAA1712 (CEP44) (NM_001145314) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CEP44
Synonyms:	KIAA1712; PS1TP3
ACCN:	NM_001145314
Insert Size:	1816 bp



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Insert Sequence: >SC216433 3'UTR clone of NM_001145314
The sequence shown below is from the reference sequence of NM_001145314. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCTTTGCTTGGCCTCTCTCCTGTGTGTAATCTCTGTTTCTTGGATCCTGTGCTTACCTTTTCTGTCTG
TACTCTGATGTTTCAGTGAAGCTCATCCACGAAGTCCAGAATTCTGCCTGAAACCAGCTTCCTCTCA
GCTCCAGCTCTTTAATGGGCATATCAAACTGATGACTTTTTCTTCTGCTACATGGGTAACACTTA
GTTGTTTGTCTAATTTCTATTTCCAGAAATTTCTCAAAATGTCTGCTGATAGCCCTCACTCATATTT
TTCATGTGGGTTTATAGCTTTTCATATTTCTTTATTATTGTAATGGGGGCTGTGGAAGGTGAGAAAAACA
CATGCTTTCTAAACAGAAGCTCTCTCCTTCATTAATTTAAATATTTTTATCGGCTCTAGAAAATGCA
TAAGGTTAGTACAAGATCAGTAGAGAGAAAGTCAAAGATTACAGAAGTGTGAAGCAGACCATTCTTCC
TTTCTTCCAATGTCTATTAAGATCACACATAGGTAAGTGTACAAATCCAGAATGGTGAAGAGTCC
AACAAATGGCTGAGGGAAGTAGAGGTTAAGATATAGCTCAACAGTAAAAGTAGCAGGGAAAGAGCTGGGC
AAGCCAAGACCATCTTTGTACCGTTGGTACAGTAGGCTAAAAGTACGGTGTTCATATTTAAATACAG
CAATATGAAGAAAAATAAATTAAGTCCCTTATACCTAAGACCTCTATTTCTGTGATTACATACACA
GTGGCAATGGAAGAAGGGAAAAATAATGGGGATAGCATTGTCTCTGACCATGCAACACTGGCA
GCATTCTATACTTATTCTATTAAGTGCATCAACCACATCTTATAAAACACATTTCCATAGGCCATATGT
AATAGGCCCTTGGCTTTATTCATTGCATTTATTGGCTCCTTAAATTGACAACATATAATTGTTTTCATAT
AATTTTCATCAATAAAATTCACATTTAATTTGTATGAACATATTTAAAGTGGAAAGTATCTTCCCAAT
GGTCCATATCTTAAAGTGTGAGATATTTTATGGGCTTCACATCTGAACTGCCAGAGATCTCAGGCATAG
CATGCATTAATCACAAACCACTTACTGACCTGGTTCAGATACTTACTCAATACATGGGGCTAGACACAGA
GTGTGCCTTAGGCTAAAGAAAAAATTATCAAGTTGAGCATATCCATAAACTCTGGCTCAAGCAGTGTA
TTTTGGGGTAATAAACACAAGTTTGTCTAGTTGGAGGGATATGATGCTTAGGTTTGAACCTGTAA
CCTTCTGGGTTTGGAGGCTAGAAAACGTGGAGACATTCTTTCTAACTAACACATTTTCTAATAGAAA
CAATCCACCAGGATGTTGAGCCACATTTAAGAGTCTTCGGAATTTACTGAAAATGGAAGTACTGATT
ACATGGGCACATAGGACATTTATTTTATAGAAACATTTTAGATAAGACAAGAATTTTAAAGCCAGA
AATCATTTTAGTGGCATTTTCAGAAAAATGTTGCAACTTTTTGTAATTTTTAATAGGCATAAAAAA
GATTGTTATATTGATATTGACAGAAATTAGGTGGTTAATTAGAGAGCGTAAAAGGATGAATTGCTCTAA
CATTGGTTTAGAATTTTCTTTATATGATTCAATTTTGTGGTCTGGCAAAGGCCCAATAGTCATTTATC
TAGTATGCATACCTTTCCACAGCTGGATTTTCAAATATGATGATAAAGTTCATATGACAGACCTATTCT
GAAAATAAATATGTCAGCAGGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

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: [NM_001145314.2](#)

Summary: Centriole-enriched microtubule-binding protein involved in centriole biogenesis. In collaboration with CEP295 and POC1B, is required for the centriole-to-centrosome conversion by ensuring the formation of bona fide centriole wall (PubMed:32060285). Functions as a linker component that maintains centrosome cohesion. Associates with CROCC and regulates its stability and localization to the centrosome (PubMed:31974111). [UniProtKB/Swiss-Prot Function]

Locus ID: 80817

MW: 69.2