

Product datasheet for **SC206817**

ch TOG (CKAP5) (NM_014756) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ch TOG (CKAP5) (NM_014756) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CKAP5
Synonyms: ch-TOG; CHTOG; MSPS; TOG; TOGp
ACCN: NM_014756
Insert Size: 1005 bp
Insert Sequence: >SC206817 3'UTR clone of NM_014756
The sequence shown below is from the reference sequence of NM_014756. 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
CTGGAGAGAATAAAGAGCAGTCGCAAATGAAGCTGCCCACTCCCCGGCACCCCTGCAGCTTTAGTTTA
CTAAACTAGAAGTCCTCATAGTTTAAATGGCCCTCAGCAGGCCTAGTGTATACAACTGGTTGTATGTA
TCATGCCGTGGAGCTAGGGGAGGAGTCAATTGTGCACAAGTATTTGTACATACTGCTTCTCTCTGT
CAGCGTCTGCTGCTCTAGAAGACTGTCCGTGGATGAGTTTAGTGTACAGACTTGTAACAGCTGCCCC
CTCTCTGCTCAGTCTAGTCCCAGATCCTTTCTTTCTTTTAAATTGCTCATTGTAAAATTGCCTA
ATCTTTCCTAGCTTTTTAATAGTTAATATTAGAACTCTTAAATAGTTTTCTTTCAGTTTGTGAGCTC
TTCTCTGTCGCCCTGAAGGGTCACTGTATTCTGTATGAATGCATGGCATGATACTAACTAATTTAAGAGT
CTTTTATAAATAAAGTTTGCATTAATACTGACTCCCAAGATGCTCCATATCATGGAGTGTGGGC
AGCAATTTTTTAACTTTTGGTACCAGCTGGGTATTCAGCCAGTTAGAGAAAGTTAATTACTGCTTACA
GAGCTTCCCTTTTCTTGCTCACAGACTTGGAGCTGTCTTTTATTCCTTTGGAATGGAAGAACTCTC
TTCCCTGCTCTCCACAACAGCTCCTAGGGAGCAGAAAAATCTCATCCTTCTTTGAGATTTTG
GTCATGATTTCCCTCAATTATCACCAGTCGTTTCAAGAAGCTCTTGGGCATCCTACCACTTTGCTGAC
CAAAGGCACACAAGATTGCGCCAGAGATTGGCTGGGCTTCAAGTGGTTCTCACACTACAAGTATTTG
TGTTTCATTTGACTAATGGAGTTTGGGAAATCTTAGTGGTTTGGCTGCTTGGTTGTATGAGTCTTTTTGG
TCCAGGCTAACAGTTGCTTACATTCAGTCAGAGTAAGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_014756.4
Summary:	This gene encodes a cytoskeleton-associated protein which belongs to the TOG/XMAP215 family. The N-terminal half of this protein contains a microtubule-binding domain and the C-terminal half contains a KXGS motif for binding tubulin dimers. This protein has two distinct roles in spindle formation; it protects kinetochore microtubules from depolymerization and plays an essential role in centrosomal microtubule assembly. This protein may be necessary for the proper interaction of microtubules with the cell cortex for directional cell movement. It also plays a role in translation of the myelin basic protein (MBP) mRNA by interacting with heterogeneous nuclear ribonucleoprotein (hnRNP) A2, which associates with MBP. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]
Locus ID:	9793
MW:	37.4