

Product datasheet for **SC206818**

ch TOG (CKAP5) (NM_001008938) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ch TOG (CKAP5) (NM_001008938) Human 3' UTR Clone
Symbol:	ch TOG
Synonyms:	ch-TOG; CHTOG; MSPS; TOG; TOGp
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001008938
Insert Size:	1005 bp
Insert Sequence:	>SC206818 3'UTR clone of NM_001008938 The sequence shown below is from the reference sequence of NM_001008938. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CTGGAGAGAATAAAGAGCAGTCGCAAA TGAAGCTGCCCCACTCCCCGGCACCCCTGCAGCTTTAGTTTA
CTAAACTAGAAGTCCTCATAGTTTAAAAATGGCCTCAGCAGGCCTAGTGTATACAACTGGTTGTATGTA
TCATGCCGTGGAGCTAGGGGGAGGAGTCATTGTGGCACAAGTATTTGTACATACTCTGCTTCTCTGT
CAGCGTCTGCTGCTCTAGAAGACTGTCCGTGGATGAGTTTAGTGTACAGACTTGTAAACAGCTGCCCC
CTCTCTGCTCAGTCTAGTCCCAGATCCTTTTCTTTTCTTTTAAATTGCTCATTGTAAAATTGTCCTA
ATCTTTCCTAGCTTTTTAATAGTTAATATTAGAACTCTTTAATAGTTTTCTTTTCAGTTTGTGAGCTC
TTCTCTGTGCGCCCTGAAGGGTCACTGTATTCTGTATGAATGCATGGCATGATACAACTAATTTAAGAGT
CTTTTATAAATAAAGTTTGCATTAACCTACTGACTCCCAAGATGCTCCATATCATGGAGTGTGGGC
AGCAATTTTTTAACTTTTGGTACCAGCTGGGATTCAGCCAGTTAGAGAAAGGTTAATTACTGCTTACA
GAGCTTCCCTTTTTCTTGGCTCACAGACTTGGAGCTGTCTTTTATTCCTTTGGAATGGAAGGAACCTC
CTTCCCTGCTCTCCACAAACAGCTCCTAGGGAGCAGAAAAATCTCATCCTTCTTGTGTTTGGAGTTTTG
GTCATGATTTCCCTCCAATTATCACCAGTCGTTTCAAGAAGCTCTGGGCATCCTACCACCTTGGCTGAC
CAAAGGCACACAAGATTGCGCCAGAGATTGGCTGGGCTTCAGTGGTTCTCACACTACAAGTATGTTG
TGTTCAATTTGACTAATGGAGTTTGGGAAATCTTAGTGGTTTGGCTGCTTGGTTGTATGAGTCTCTTTGG
TCCAGGCTAACAGTTGCTTACATTCAGTCAGAGTAAGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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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_001008938.4
Summary:	<p>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]</p>
Locus ID:	9793
MW:	37.4