

## Product datasheet for **RG217513**

### MTCP1 (NM\_001018025) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids

Product Name: MTCP1 (NM\_001018025) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: MTCP1

Synonyms: p8MTCP1; P13MTCP1; TCL1C

Mammalian Cell Selection: Neomycin

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG217513 representing NM\_001018025  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGGCAGGAGAGGATGTGGGGCTCCACCCGATCACCTCTGGGTTACCAAGAGGGTATCTACCGCGACG  
AATACCAGCGCACGTGGGTGGCCGTCGTGGAAGAGGAGACGAGTTTCTAAGGGCACGATCCAGCAAAT  
TCAGGTTCCCTTAGGTGACGCAGCTAGGCCAAGTCACCTTCTTACCTCCAGCTACCTCTCATGTGGCAA  
CTCTACCCGGAGGAGCGCTACATGGATAACAACTCTCGCTTGTGGCAGATACAGCATCATTTAATGGTCA  
GGGGAGTACAGGAGCTGTTGCTTAAGCTTTGCCTGATGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG217513 representing NM\_001018025  
Red=Cloning site Green=Tags(s)

MAGEDVGAPPDHLVWHQEGIYRDEYQRTWVAVVEEETSFLRARVQIQVPLGDAARPSHLLTSQLPLMWQ  
LYPEERYMDNNSRLWQIQHLMVRGVQELLLKLLPDD

**TRTRPLE** - GFP Tag - V

Restriction Sites: SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001018025

**ORF Size:** 321 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

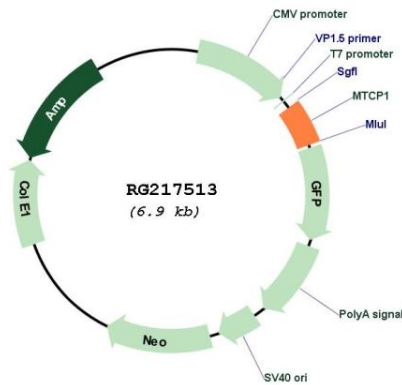
**RefSeq:** [NM\\_001018025.4](#)

**RefSeq Size:** 1943 bp

**RefSeq ORF:** 324 bp

Locus ID:	4515
UniProt ID:	<a href="#">P56278</a>
Cytogenetics:	Xq28
Gene Summary:	This gene was identified by involvement in some t(X;14) translocations associated with mature T-cell proliferations. This region has a complex gene structure, with a common promoter and 5' exon spliced to two different sets of 3' exons that encode two different proteins. This gene represents the upstream 13 kDa protein that is a member of the TCL1 family. This protein may be involved in leukemogenesis. [provided by RefSeq, Mar 2009]

## Product images:



Circular map for RG217513