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# Product datasheet for RC217513L4

## MTCP1 (NM_001018025) Human Tagged Lenti ORF Clone

### Product data:

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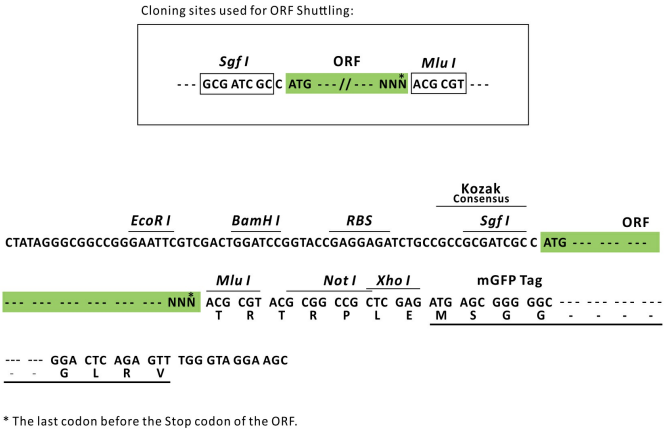
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | MTCP1 (NM_001018025) Human Tagged Lenti ORF Clone |
| **Tag:** | mGFP |
| **Symbol:** | MTCP1 |
| **Synonyms:** | p8MTCP1; P13MTCP1; TCL1C |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **E. coli Selection:** | Chloramphenicol (34 ug/mL) |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC217513). |
| **Restriction Sites:** | SgfI-MluI |
| **Cloning Scheme:** | |

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| **ACCN:** | NM_001018025 |
| **ORF Size:** | 321 bp |

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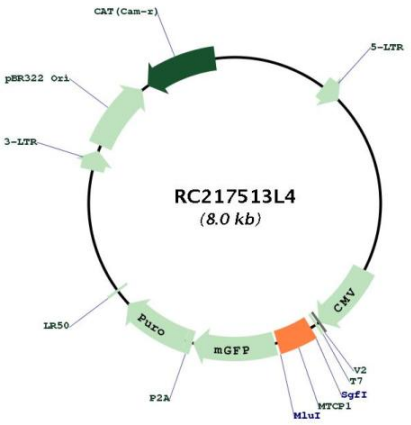
|---|---|
| **OTI Disclaimer:** | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. 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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_001018025.2 |
| **RefSeq Size:** | 1943 bp |
| **RefSeq ORF:** | 324 bp |
| **Locus ID:** | 4515 |
| **UniProt ID:** | P56278 |
| **Cytogenetics:** | Xq28 |
| **MW:** | 12.4 kDa |
| **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 RC217513L4