

Product datasheet for **RN205284**

Ltv1 (NM_001014157) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ltv1 (NM_001014157) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ltv1 |
| Synonyms: | RGD1311264 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN205284 representing NM_001014157
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCACAGAAAGAAAAGCCCTTTATAGAGAAGAAGAAAGCTGTGTCTTTTCACCTGGTCCACCGGA
 GCCAGAGAGACCCCTTGGCAGCAGATGAAACCGCACCGCAGAGAGTTCTGGTGCCTACACAAAAGGTAAA
 TGATGAGGAAAGGCGAGCAGAGCAGAGGAAGTACGGCGTGTCTTCGATGATGACTACGACTACTTGCAA
 CACCTGAGGGAGCCATCCGGCCCCGAGAGCTTATCCAGCTCCACCCCGACCTACTCCAGCCGTG
 GGAAGAAGACACCTCGGTGTTCCCGAGCACGGGGATTAAGTTGCCTTCATCAGTGTTCGTCAGAGTT
 TGAAGAAGATGTTGGACTGTTAAACAAAGCAGCTCCAGTTTCAGGACCTCGACTAGATTTTCGATCCAGAC
 ATTGTTGCAGCTTTGATGATGATTTTACTTTGATGACCCAGAAAACCTCCTTGAAGATGACTTTATTC
 TTCAAGCCAGCAAGCCGACAGGAGGAGAGGGGATGGACATGCTGGAGTCTGACGGAGACGATGGCAATGA
 GTGGGAAGACATGGACGAGGGCGGGAGCGATGGCTGTGGCTCTACAGGCCCTCTGTCAGATGGAGGTGAC
 ATATCTGCCCCCGCTCCCTCGGAAGCCATGAAAAAGCACCTGTTTTGGGAAGAGGAAACCAAAGCC
 GTTTCACAGAGTACTCCATGACCTCCTCAGTCATGAGGAGAAATGAACAGCTTACTCTACATGATGAGAG
 GTTTGAGAAGTTTTATGAACAGTATGATGACGTTGAAATTGGAGCTCTGGATAATGCGGAGTTGGAAGGC
 ACCATTCAAGTGGACAGCAGTCCGCTGCAGGAGTTCTGAACGACTACTACAAGGAGAAGGCAGAGAAGT
 GTGTAAGTTGAATACTCTTGAGCCTTTGAGGATCAAGATCTGGCAGCAAAATGAGCTCGATGAGTCTGA
 GAAGGAAGAGACCGTTACTGTGGTCTCGAGGAAGCCAGAGAGAAGTGGGACTGTGAATCCATCTGCAGT
 ACATACTCCAATTTATACAACCACCCTCAGCTCATCAAGTATGAACCAAAACCAACAGATCCACCTGT
 CCTCTAAGACGGGAATACCTCTCCATGTCCTACCTAAGAAAGGCCCTCACAGCAAAGCAGGTGCAACGGAT
 GCAGATGATCAACAGCAGTGTCTGCCAAGGTGTCACCCAGCCCCGTCTCAAACTGAGAGCAAAGAG
 GATAAAAAAGCCAGAAAGCAGGCCATAAAGGAGGAGCGGAAGGAACGAAGAGTTGAAAAGAAAGCTAAAC
 AGCTAGCATTCAAAGTGGAGAAAAGAAGCAAGAAAAGGAGCTGCTGAACCTGAAGAAAACGTTGAAGG
 TCTAAAAGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001014157

Insert Size: 1413 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001014157.1](#), [NP_001014179.1](#)
RefSeq Size: 1743 bp
RefSeq ORF: 1413 bp
Locus ID: 361452
UniProt ID: [Q68FR7](#)
Cytogenetics: 1p13