

## Product datasheet for **RC236515**

### TIPIN (NM\_001289986) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TIPIN (NM\_001289986) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** TIPIN  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC236515 representing NM\_001289986  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCTAATCAGACACATGGAGCACTGGGCACATAGGCTATTCCCTAAACTGCAGTTTGAGGATTTATTG  
ACAGAGTTGAATACCTGGGAAGTAAAAAGGAAGTTCAGACCTGTTTAAACGAATTCGACTTGATCTCCC  
TATTTTACATGAAGATTTGTTAGCAATAATGATGAAGTTGCGGAGAATAATGAACATGATGTCACCTCT  
ACTGAATTAGATCCCTTTCTGACAACTTATCTGAAAGTGAGATGTTTGCTTCTGAGTTAAGTAGAAGCC  
TAACAGAAGAGCAACAACAAAGAATTGAGAGAAATAAACAACTGGCCTTGAAAGAAGGCAGGCAAAGCT  
GCTGAGTAATAGTCAGACCCTAGGAAATGATATGTTAATGAATACACCCAGGGCACACACGGTTGAAGAG  
GTTAATACTGATGAGGATCAAAGGAGGAGTCAAATGGATTAACGAAGACATTCTGGACAATCCATGTA  
ATGATGCTATTGCCAATACTTTAAATGAAGAGGAAACACTGCTGGACCAGTCTTTTAAAAATGTGCAACA  
GCAACTTGATGCTACATCCAGAAATATTACTGAAGCTAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC236515 representing NM\_001289986  
Red=Cloning site Green=Tags(s)

MLIRHMEHWAHRLFPKLQFEDFIDRVEYLGSKKEVQTKLRIRLDLPILHEDFVSNNDEVAENNEHDVTS  
TELDPFLTNLSESEMFASELSRSLTEEQQRIERNKQLALERRQAKLLSNSQTLGNDMLMNTPRAHTVEE  
VNTDEDQKEESNGLNEDILDNPNDAIANITLNEEETLLDQSFKNVQQQLDATSRNITEAR

**TRTRPLEQKLISEEDLAANDILDYKDDDDK**V

**Restriction Sites:** Sgfl-MluI



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|                               |   |
|-------------------------------|---|
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_001289986.1, NP_001276915.1</u>   |
| <b>RefSeq Size:</b>           | 1219 bp   |
| <b>RefSeq ORF:</b>            | 603 bp  |
| <b>Locus ID:</b>              | 54962   |
| <b>UniProt ID:</b>            | <u>Q9BVW5</u>   |
| <b>Cytogenetics:</b>          | 15q22.31  |
| <b>Protein Families:</b>      | Druggable Genome  |
| <b>MW:</b>                    | 23.7 kDa  |
| <b>Gene Summary:</b>          | The protein encoded by this gene is part of the replisome complex, a group of proteins that support DNA replication. It binds TIM, which is involved in circadian rhythm regulation, and aids in protecting cells against DNA damage and stress. Two pseudogenes and two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]  |