

Product datasheet for SC113902

TIPIN (NM_017858) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIPIN (NM_017858) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIPIN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113902 sequence for NM_017858 edited (data generated by NextGen Sequencing) <pre> ATGCTAGAACCACAGGAGAATGGCGTGATTGACCTACCAGATTATGAGCATGTAGAAGAT GAAACTTTTCCTCCTTTCCACCTCCAGCCTCTCCAGAGAGACAAGATGGTGAAGGAACT GAGCCTGATGAAGAGTCAGGAAATGGAGCACCTGTTCTGTACCTCCAAAGAGAACAGTT AAAAGAAATATACCCAAGCTGGATGCTCAGAGATTAATTTAGAGAGAGGACTTCCAGCC TTAAGGCATGTATTTGATAAGGCAAAATCAAAGGTAAGGTCATGAGGCTGAAGACTTG AAGATGCTAATCAGACACATGGAGCACTGGGCACATAGGCTATTCCTAAACTGCAGTTT GAGGATTTTATTGACAGAGTTGAATACCTGGGAAGTAAAAAGGAAGTTCAGACCTGTTT AAACGAATTCGACTTGATCTCCCTATTTTACATGAAGATTTTGTAGCAATAATGATGAA GTTGCGGAGAATAATGAACATGATGTCACCTTCTACTGAATTAGATCCCTTTCTGACAAAC TTATCTGAAAGTGAGATGTTTGCTTCTGAGTTAAGTAGAAGCCTAACAGAAGAGCAACAA CAAAGAATTGAGAGAAATAAACAACTGGCCTTGGAAGAAGGCAGGCAAAAGCTGCTGAGT AATAGTCAGACCCTAGGAAATGATATGTTAATGAATACACCCAGGGCACACACGTTTGA GAGGTTAATACTGATGAGGATCAAAAGGAGGAGTCAAATGGATTAACGAAGACATTCTG GACAATCCATGTAATGATGCTATTGCCAATACTTTAAATGAAGAGGAAACACTGCTGGAC CAGTCTTTTAAAAATGTGCAACAGCAACTTGATGCTACATCCAGAAATATTACTGAAGCT AGATAA </pre>

Clone variation with respect to NM_017858.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017858 unedited
 TAGAGGTCCATATCTTTGTTAATAACCACTCCCTAATAGGGCGGCCCGCTACATCCGCA
 CGAGGGTTCCTGTTTTCTGCGTGAGAGGAAAGAGCTAGACCCACAGAGAATGGCGTGA
 TTGACCTACCAGATTATGAGCATGTAGAAGATGAACTTTCTCCTTTCCACCTCCAG
 CCTCTCCAGAGAGACAAGATGGTGAAGGAAGTGAAGCTGATGAAGAGTCAGGAAATGGAG
 CACCTGTTCTGTACCTCCAAAGAGAACAGTAAAAAGAAATATACCAAGCTGGATGCTC
 AGAGATTAATTTACAGAGAGAGGACTTCCAGCCTTAAGGCATGTATTTGATAAGGCAAAAT
 TCAAAGGTAAAGTCATGAGGCTGAAGACTTGAAGATGCTAATCAGACACATGGAGCACT
 GGGCAGATAGGCTATTCCCTAACTGCAGTTTGAGGATTTTATTGACAGAGTTGAATACC
 TGGGAAGTAAAAAGGAAGTTCAGACCTGTTTAAACGAATTCGACTTGATCTCCCTATTT
 TACATGAAGATTTTGTAGCAATAATGATGAAGTTGCGGAGAATAATGAACATGATGTCA
 CTTCTACTGAATTAGATCCCTTTCTGACAACTTATCTGAAAGTGAGATGTTTGCTTCTG
 AGTTAAGTAGAAGCCTAACAGAAGAGCAACAACAAGAATTGAGAGAAATAACAAGTGG
 CCTTGAAAGAAGGCAGGCAAGCTGCTGAGTAATAGTCAGACCCTAGGAAATGATATGT
 TAATGAATACACCCAGNGCACACCGGTTGAAGAGGTTAATACTGATGAGGATCAAAAGG
 NAGAGTCAAATGGATTAAACGAAGACTTCTGGGACATCATGTNATGATGCTATTGCNCAT
 ACTTTANNATGAAGAGNAACACTGCTGNACCAGTCTTTTAAAAATGTGCACAGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017858 unedited
 GCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTAAACAATAATCTATAACAGTTT
 TACTATCTAAGGATTTTCACTCCAAGAAGAAAAATACATAGTAACGCCAAGCTTGCAGG
 ACGATGACTTAACAGATACATTTTCTCTTAATGGAACTTATCTAGCTTCAGTAATATTT
 CTGGATGTAGCATCAAGTTGCTGTTGCACATTTTAAAGACTGGTCCAGCAGTGTTTCC
 TCTTCATTTAAAGTATTGGCAATAGCATCATTACATGGATTGTCCAGAATGTCTTCGTTT
 AATCCATTTGACTCCTCCTTTTGATCCTCATCAGTATTAACTCTTCAACCGTGTGTGCC
 CTGGGTGTATTCTTAACATATCATTTCCTAGGGTCTGACTATTACTCAGCAGCTTTGCC
 TGCCTTCTTTCAAGGCCAGTTGTTTATTTCTCTCAATTCTTTGTTGCTGCTCTTCTGTT
 AGGCTTCTACTTAACCTCAGAAGCAACATCTCACTTTCAGATAAGTTTGCAGAAAGGGA
 TCTAATTCAGTAGAAGTGACATCATGTTTATTCTCCGCAACTTCATCATTATTGCTA
 AAAAAATCTTCATGTAATAAGGAGATCAAGTCGAATTCGCTTTAACAGGTCTGAAGTT
 CCTTTTACTTCCAGGTATTTAACTCTGTCCAATAAATCCTCAAAGTGCAGTTTAGGGAA
 TAGCCTATGTGCCAGTGTCTCATGTGTCTGATTAGCATTCTCAAGTCTTCACCTATGA
 CCTTTACCTTTGAATTTTGCCCTATCAAATACATGCCTCTAAGCTGGAAGTCCCTTTCTC
 TGAAATTAATCCCTGAGCATCCACCTTGGGATATTTCTCTAACCAGTCTCTTTGGAGGC
 CAGGNACAGAGCCATTTNCTGACTTTAATAAGCTCAGTCCTTACCATTGCCCCTCTGAA
 AGCTGGGGTGGAN

Restriction Sites:

NotI-NotI

ACCN:

NM_017858

Insert Size:

1140 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:	<u>NM_017858.1, NP_060328.1</u>
RefSeq Size:	1077 bp
RefSeq ORF:	906 bp
Locus ID:	54962
UniProt ID:	<u>Q9BVW5</u>
Cytogenetics:	15q22.31
Protein Families:	Druggable Genome
Gene Summary:	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] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).