

Product datasheet for SC322214

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for SC322214

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GCGCTTAGTCTGCACGCCGAGGTCCGCGCTGTGTCCCGTGTTCCTGCGTGAGAGGAAAA
GATGCTAGAACACAGGAGAATGGCGTGATTGACCTACCAGATTATGAGCATGTAGAAGA
TGAACCTTTTCCCTTTCCACCTCCAGCCTCTCCAGAGAGACAAGATGGTGAAGGAAC
TGAGCCTGATGAAGAGTCAGGAAATGGAGCACCTGTTCTGTACCTCCAAAGAGAACAGT
TAAAGAAATATACCCAAGCTGGATGCTCAGAGATTAATTTTCCAGAGAGAGGACTTCCAGC
CTTAAGGCATGTATTTGATAAGGCAAAATCAAAGGTAAGGTCATGAGGCTGAAGACTT
GAAGATGCTAATCAGACACATGGAGCACTGGGCACATAGGCTATTCCTAAACTGCAGTT
TGAGGATTTTATTGACAGAGTTGAATACCTGGGAAGTAAAAAGGAAGTTTCCAGCTGTTT
AAAACGAATTCGACTTGATCTCCCTATTTTACATGAAGATTTTGTAGCAATAATGATGA
AGTTGCGGAGAATAATGAACATGATGTCACCTTCTACTGAATTAGATCCCTTTCTGACAAA
CTTATCTGAAAGTGAGATGTTTCTGCTTCTGAGTTAAGTAGAAGCCTAACAGAAGAGCAACA
ACAAAGAATTGAGAGAAATAAACAACTGGCCTTGAAAGAAGGCAGGCAAGCTGCTGAG
TAATAGTCAGACCCTAGGAAATGATATGTTAATGAATACCCAGGGCACACACGTTGA
AGAGGTTAATACTGATGAGGATCAAAAGGAGGAGTCAATGGATTAAACGAAGACATTCT
GGACAATCCATGTAATGATGCTATTGCCAATACTTTAAATGAAGAGGAAACACTGCTGGA
CCAGTCTTTTAAAAATGTGCAACAGCAACTTGATGCTACATCCAGAAATATTACTGAAGC
TAGATAAGTTTCCATTAAGAGAAAATGTATCTGTAAAGTCATCGCTGCAAGCTTGGCG
TTACTATGTATTTTCTTCTTGGAGTGAATCCTTAGATAGTAAACTGTTATAGATT
ATTGTTTAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites: Please inquire

ACCN: NM_017858

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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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</u> , <u>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).