

Product datasheet for **RN214173**

Tipin (NM_001025287) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tipin (NM_001025287) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tipin
Synonyms:	RGD1564084; UV98
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214173 representing NM_001025287 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGGAGCAAGAAGAAAATGGCTTGTTGAAATACCAGATTATGAACATGTAGAGGATGAACTTTTC
CTCCCTTCCCACCTCCAGGCTCTCCAGAGAGAGATCCTGCAGAAGCTGAACCTGATGAAGGGAGTGGAGC
ACCTGTTCTGTTCCGCCAAGAGAATAGTTAAAAGGAATATACCCAAGCTAGATGCTACAAGATTGACT
TCAGAGAGAGGGCTTCCAGCCTTAAGGCATGTATTTGATAAGACAAAATCAAGGGGAAAGGTCATGAGG
CTGAAGACTTGAAAACGCTAATCAGACACATGGAGCACTGGGCCATAGGCTATTCCTCCAACTGCAATT
TGAAGATTTTATTGACAGAGTTGAAAACCTAGGAAATAAAAAGGAGGTTTCAGACCTGTTTAAAACGAATT
CGACTTGATCTGCCTATTGTACATGAAGATTTTGTAAACAATAACGATGAAGTTGAGGAACTAACAGCC
TTGATGCAGCTGCCACTGGATTTGATGCCTTTGTGACAAGTTCATCTGACAGCAAGAGGTTTGCTTCTGA
AGCGAGTAGAAAACCTAACAGAAGAGCAGCAGAGAAATTGAGAAAAATAACAACCTGGCCTTGGAAAGA
AGGCAGGCAAAGCTATTGAGTAATAGCCAGTCCCTAGAAAATGACGTGACAGTTGAAGAGAGCAGTACTG
GTGAGAATCAAGAAGAGTCAATGGATTGATCTCTGCTGATGGTCCACATGACGTTCTTCTGCCAGCAC
ACAGGAAGAAGGACAGTTGGAAGCAGAGGAAACACAGCTGGACCATCCTAACTTAGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001025287
Insert Size:	831 bp



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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:	<ol style="list-style-type: none">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_001025287.1 , NP_001020458.1
RefSeq Size:	1208 bp
RefSeq ORF:	831 bp
Locus ID:	363076
UniProt ID:	Q4QR88
Cytogenetics:	8q24
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 and aids in protecting cells against DNA damage and stress. [provided by RefSeq, Feb 2014]