

Product datasheet for **SC122652**

Transition Protein 1 (TNP1) (NM_003284) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Transition Protein 1 (TNP1) (NM_003284) Human Untagged Clone
Tag: Tag Free
Symbol: Transition Protein 1
Synonyms: TP1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003284 edited
AAGGGCCCTCATTTTGGCAGAACTTACCATGTCGACCAGCCGAAATTAAGAGTCATG
GCATGAGGAGGCAAGAGCCGATCTCCTCACAAGGGAGTCAAGAGAGGTGGCAGCAAAA
GAAAATACCGTAAGGGCAACCTGAAAAGTAGGAAACGGGGCGATGACGCCAATCGCAATT
ACCGCTCCCACTTGTGAGCCCCAGCGGCTCTGCCCTGGTGCCTTACACAGCACAA
GCAGCAACAAGAACAGCAGAAGGGGAACTGCCAAGGAGACCTGATGTTAGATCAAAGCCA
GAGAGGAGCCTATGGAATGTGGATCAAATGCCAGTTGTGACGAAATGAGGAATGTATATG
TTGGCTGTTTTTCCCAACATCTCAATAAACTTTGAAAGCAGAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_003284 unedited
ACGTCTGCATTTGTAAACCACTTACTATAGGCGCCGCATAAECTTCGTATAGCATACATT
ATACCAAGTTATGGATCATGCCAAATCGGCCGAGCGCAATTCCTCGAGAGCGGAAGGGC
CCCTCATTTTGGCAGAACTTACCATGTCGACCAGCCGAAATTAAGAGTCATGGCATGA
GGAGGAGCAAGAGCCGATCTCCTCACAAGGGAGTCAAGAGAGGTGGCAGCAAAAAGAAAAT
ACCGTGAGGGCAACCTGAAAAGTAGGAAACGGGGCGATGACGCCAATCGCAATTACCGCT
CCCACTTGTGAGCCCCAGCGGCTCTGCCCTGGTGCCTTACACAGCACCAAGCAGCA
ACAAGAACAGCAGAAGGGGAACTGCCAAGGAGACCTGATGTGTAGATCAAAGCCAGAGAG
GAGCCTATGGAATGTGGATCAAATGCCAGTTGTGACGAAATGAGGAATGTATATGTTGGC
TGTTTTTCCCAACATCTCAATAAACTTTGAAAGCAGAAAANAAAAAAAAAACTCTCC
ACGCTGGATCCGGCCATANNGGCCTGATCCTTCGAGGGGGGGCCCGGTACCGATATCAAG
CTTGTCGACTCTAGATTGCGGCCGCGTCATAGCTGTTTCCTGAACAGATCCCAGGTGGC
ATCCCTGTGACCCCTCCCAGTGCTCTCCTGGCCCTGGAGTGCCACTCAGTGCCACC
AGCCTGTCCTAATAAAATTAANGTGCATCATTTGTCTGACTAGGTGTCCTTCTATATATT
ATGGGGTGGAGGGGTGGGTATGGACCAAGGGGGCAGTTNGGAAAACAACCCTGAGGGGC
CTGCCGGGGCTATTGGAAACCAGCTGGAGTGGATTGGCACATCCTGGCTCACTGCATCTC
CGCTCCTGGGGTC

Restriction Sites: Please inquire



[View online »](#)

ACCN:	NM_003284
Insert Size:	419 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:	<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_003284.2 , NP_003275.1
RefSeq Size:	419 bp
RefSeq ORF:	168 bp
Locus ID:	7141
UniProt ID:	P09430
Cytogenetics:	2q35
Gene Summary:	Transition protein-1 is a spermatid-specific product of the haploid genome which replaces histone and is itself replaced in the mature sperm by the protamines (see PRM1, MIM 182880; PRM2, MIM 182890) (Luerssen et al., 1990 [PubMed 2249851]).[supplied by OMIM, Mar 2008]