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Product datasheet for SC333079

TINP1 (NSA2) (NM_001271665) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TINP1 (NSA2) (NM_001271665) Human Untagged Clone
Tag:	Tag Free
Symbol:	TINP1
Synonyms:	CDK105; HCL-G1; HCLG1; HUSSY-29; HUSSY29; TINP1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC333079 representing NM_001271665. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGCCACAGAATGAATATATTGAATTACACCGTAAACGCTATGGATACCGTTTGGATTACCATGAGAAA AAGAGAAAGAAGGAAAGTCGAGAGGCTCATGAACGTTCAAAGAAGGCAAAGAAAATGATTGGTCTGAAG GCTAAGCTTTACCATAAACAGCGTCATGCTGAGAAAATACAAATGAAAAAGACTATCAAGATGCATGAA AAGAGAAACACCAAACAAAAGAATGATGAAAAGACACCACAGGGAGCAGTACCTGCCTATCTGCTGGAC AGAGAGGGACAATCTCGAGCTAAAGTACTTTCCAATATGATTAAACAGAAAAGAAAAGAGAAGGCGGGA AAATGGGAAGTCCCTCTGCCTAAAGTACGTGCCCAGGGAGAAACAGAAGTATTAAAAGTTATTCGAACA GGAAAGAGAAAGAAGAAGGCATGGAAGAGAATGGTTACTAAAGTGTGCTTTGTTGGAGATGGCTTTACA AGAAAACCACCTAAATATGAAAGATTCATCAGGCCAATGGAAAATATGCCCAGGTTACCAACAATCCTG AAAATGATGGATGTATAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001271665
Insert Size:	570 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).

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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:	NM_001271665.1
RefSeq Size:	1208 bp
RefSeq ORF:	570 bp
Locus ID:	10412
UniProt ID:	O95478
Cytogenetics:	5q13.3
MW:	22.7 kDa
Gene Summary:	This gene encodes a nucleolar protein involved in cell cycle regulation and proliferation. This gene was identified based on sequence similarity to a highly conserved Saccharomyces cerevisiae gene encoding a pre-ribosomal protein, which is involved in large ribosomal subunit biogenesis. The encoded protein is found at elevated levels in diabetic nephropathy. Alternative splicing results in multiple transcript variants. Several related pseudogenes have been identified. [provided by RefSeq, Nov 2012] Transcript Variant: This variant (2) lacks an exon in the coding region, which results in a frameshift and an early stop codon, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1.