

## Product datasheet for **SC213632**

### PLAT (NM\_000930) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PLAT (NM_000930) Human 3' UTR Clone
Symbol:	PLAT
Synonyms:	T-PA; TPA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000930
Insert Size:	1305 bp



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**Insert Sequence:** >SC213632 3'UTR clone of NM\_000930  
 The sequence shown below is from the reference sequence of NM\_000930. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACTGGATTTCGTGACAACATGCGACCGTGACCAGGAACACCCGACTCCTCAAAGCAAATGAGATCCCG
CCTCTTCTTCTTTCAGAAGACACTGCAAAGGCGCAGTGCTTCTCTACAGACTTCTCCAGACCCACCACAC
CGCAGAAGCGGGACGAGACCCTACAGGAGAGGGAAGAGTGCATTTTCCAGATACTTCCATTTTGGAA
GTTTTTCAGGACTTGGTCTGATTTTCAGGATACTCTGTCAGATGGGAAGACATGAATGCACACTAGCCTCT
CCAGGAATGCCTCCTCCCTGGGCAGAAAGTGGCCATGCCACCCTGTTTTTCAGCTAAAGCCCAACCTCCT
GACCTGTCACCGTGAGCAGCTTTGGAAACAGGACCACAAAAATGAAAGCATGTCTCAATAGTAAAAGAT
AACAAAGATCTTTTCAGGAAAGACGGATTGCATTAGAAAATAGACAGTATATTTATAGTCACAAGAGCCCAG
CAGGGCCTCAAAGTTGGGGCAGGCTGGCTGGCCCGTCATGTTCTCAAAGCACCTTGACGTCAAGTC
TCCTTCCCTTTCCCACTCCCTGGCTCTCAGAAGGTATTCTTTTGTGTACAGTGTGTAAGTGTAAA
TCCTTTTTCTTTATAAACTTTAGAGTAGCATGAGAGAATTGTATCATTTGAACAACCTAGGCTTCAGCAT
ATTTATAGCAATCCATGTTAGTTTTTACTTTCTGTTGCCACAACCTGTTTTATACTGTACTTAATAAAA
TTCAGATATATTTTTACAGTTTTTCCAAAATCAGAGTGGAAATGGTTTTGTTATAGATGTGTATCCCA
CTCTTTATTATGTTTACATTTTAAAATCATTTGGAATTTCTGCTTCACTCGTTAACATATACACAACA
CCTGTAACATAACAAGGCAATGGGCTAGGTGCTCCAGACCCGGAAAAGGAGGGACAGGAATGCTTGGTCT
GATGGGCTAATATGGCATTTAGAGAAGTACCAAGGTACAGTGGAGCCGGTCACAAAAGGGCAGACTTGT
AGTAGAATTCAGTTGCAAGAGGGATTGGGGAATCTTAAGGAAAAATAGAATCTTAAGGAAAAAATAAC
TGGGTGAGACGTGGACTGTGGACAGGTGTGGAAAAGGCACCTCTCCATGGAGGTATGAATATGTAGAGGG
CCAAGAGAGGGGAGTACAGGGAGAAATGAGTTGAGCTTGTCTGAAGTGAACCTTCAGGAAGAGGAACATA
GGCTGGAATTTAGATTATGGGGCTCTGAACACCAAACCTGAGTTTGGACTTAATTGACTTCTG
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_000930.5](#)

**Summary:** This gene encodes tissue-type plasminogen activator, a secreted serine protease that converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. The encoded preproprotein is proteolytically processed by plasmin or trypsin to generate heavy and light chains. These chains associate via disulfide linkages to form the heterodimeric enzyme. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding, while decreased activity leads to hypofibrinolysis, which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]

Locus ID: 5327

MW: 49.9