

## Product datasheet for **RR210660**

### Plat (NM\_013151) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Plat (NM_013151) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Plat
Synonyms:	PATISS; tPA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR210660 representing NM\_013151  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGGGAGAGCTGTTGTGCGTCTGTGCTTTGTGGAGTGGCGTTCACGTTGCCTGACCAGGGAATAC  
 ACAGGAGGTTTCAGAAGAGGAGCTCGGTCTACAGAGCGACCTGCAGAGATGAACAGACTCAGACAACTTA  
 CCAACAGCATCAGTCATGGCTACGTCCCATGCTCAGAGGCAATCGGGTGAATACTGCCGGTGCAACAGC  
 GGCCTGGCACAGTGCCTCGGTGCCCGTCCGAAGTTGCAGTGAACCGAGATGCTTCAATGGGGTACGT  
 GTCAGCAGGCCCTGTATTTCTCTGACTTCGTCTGCCAGTGCCTGACGGATTTGTTGGGAAACGCTGTGA  
 TATAGATACCAGAGCAACCTGCTTCGAGGGCCAGGGCATCACCTACAGAGGCACATGGAGCACAGCAGAA  
 AATGGGGTGAATGCATCAACTGGAATAGCAGTGCCTGTCCAGAAGCCCTACAGTGAAGGAGGCCAA  
 ATGCCATCAAGCTGGGCCTTGGGAATCACAATTACTGCAGAAACCCAGACCGAGACGTGAAGCCCTGGT  
 CTATGTCTTTAAGGCAGGGAAGTATACCACGGAGTTCTGCAGCACGCCGGCTTGCCTAAGGGACCAACT  
 GAGGACTGCTATGTTGGAAAAGGTGTGACTTACCGTGGCACCCACAGCTTACCACATCCAAGGCCTCCT  
 GCCTCCATGGAATCCATGATCCTGATAGGCAAGACTTACACAGCGTGGAGGGCCAACCTCCAGGCACT  
 TGGCCTGGGCAGACACAATTATTGCCGGAACCCAGATGGGGATGCCAAACCTTGGTGCCACGTGATGAAG  
 GACCGAAAGCTGACATGGGAATATTGCGACATGTCCCATGCTCCACCTGCGGCCTGAGGCAATACAAAC  
 AGCCTCAGTTTCGAATTAAGGAGGACTCTTACAGACATCACCTCACACCTTGGCAGGCCGCCATCTT  
 TGTCAAGAACAAGAGGTCTCCAGGAGAGAGATTCTGTGTGGAGGGTGTGATCAGTTCCTGCTGGGTG  
 CTATCTGCCGCCACTGCTTTGTAGAGAGGTTCCACCCATCATCTTAAAGTGGTCTTGGGCAGAACAT  
 ACAGATGGTCCCTGGAGAGGAGGAGCAGACATTCGAGATCGAAAAGTACATAGTCCATAAGGAATTTGA  
 TGACGACACTTATGACAATGACATCGCATTACTGCAGCTGAGGTTCAGATTCCAGTCAAGTGTGCCAGGAG  
 AGCAGTTCTGTGGCACTGCCTGCCTCCCTGACCCGACGTACAGCTCCCTGACTGGACAGAGTGTGAGC  
 TTTCTGGCTACGGCAAGCATGAGGCATCCTCTCCTTTCTCTGACCGCTGAAGGAGGCTCACGTCAG  
 ACTGTATCCGTCCAGCCGCTGTACCTCACAGCATCTGTTTAAACAAAACCATCACGAGCAACATGCTGTGT  
 GCAGGAGACACCCGAAGTGGGGCAACCAAGACGTCCATGACGCGTGCCAGGGTACTCAGGAGGCCCTC  
 TGGTGTGCATGATCGATAAGCGGATGACTTTACTGGGCATCATCAGCTGGGGCCTCGGCTGTGGGCAGAA  
 GGACGTGCCAGGGATATACAAAAGTCACTAATTACCTGAAGTGGATCCAAGACAACATGAAGCAA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR210660 representing NM\_013151  
 Red=Cloning site Green=Tags(s)

MKGELLCVLLLGVAFITLPDQGIHRRFRRGARSYRATCRDEQTQTTYQQHQSWLRPMLRGNRVEYCRNCS  
 GLAQCHSVPVRSCEPRCFNGGTCQQALYFSDFVCQCPDGFVGRKCIDTRATCFEGQGITRGTWSTAE  
 NGAECINWNSSALSQKPYSARRPNAIKLGLGNHNYCRNPDRDVKPWCYVFKAGKYTTEFCSTPACPKGPT  
 EDCYVKGVTYRGTHSFTTSKASCLPWNSMILIGKTYTAWRANSQALGLGRHNYCRNPDGAKPWCHVMK  
 DRKLTWEYCDMSPCSTCGLRQYKQPQFRIKGGLFTDITSHPWQAAIFVKNKRSPPGERFLCGGVLISSCWV  
 LSAAHCFVERFPPHLLKVVLRGTYRVVPGEEEQTFEIEKYIVHKEFDDDTYDNDIALLQLRSDSSQCAQE  
 SSSVGTACLDPDPVQLPDWTECELSGYGKHEASSPFFSDRLKEAHVRLYPSRCTSQHLFNKTTITSNMLC  
 AGDTRTGGNQDVHDACQGDSSGGLVCMIDKRMTLLGIISWGLGCGQKDVPGIYTKVTNYLNWIQDNMKQ

**SGP**TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-RsrII

**Cloning Scheme:**


**ACCN:** NM\_013151

**ORF Size:** 1677 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [NM\\_013151.2](#), [NP\\_037283.2](#)

**RefSeq Size:** 2585 bp

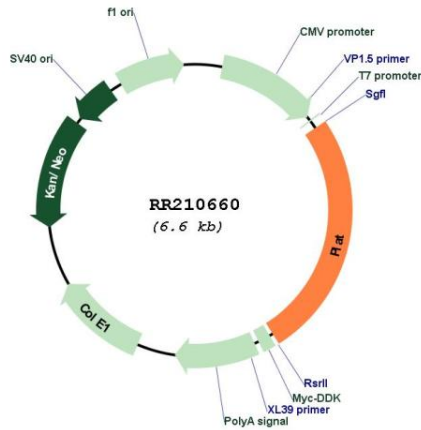
**RefSeq ORF:** 1680 bp

**Locus ID:** 25692

**UniProt ID:** [P19637](#)

Cytogenetics: 16q12.5  
 MW: 62.9 kDa  
 Gene Summary: serine protease; catalyzes conversion of inactive proenzyme plasminogen into active serine protease plasmin [RGD, Feb 2006]

**Product images:**



Circular map for RR210660