

Product datasheet for **RR216376**

Plaur (NM_017350) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plaur (NM_017350) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Plaur
Synonyms: Par; Plaur3; uPAR; uPAR-2; uPAR-3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216376 representing NM_017350
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCCTCTGAGGCGGCGGCTGCTGCTGCTGGTGGTGGTAGTGACGACCTGTGTCCAGCCTCCCAGG
GCCTGCGGTGCATACAGTGCAGAAAGTAACCAGGACTGCCTGGTGGAGGAGTGCCCTGGCCAGGACCT
CTGCAGAACCACGGTGTTCGGGAATGGGAAGACGCCGAGGAGCTGGAGGTGGTACCAGAGGCCTGTGC
CACAAGGAGAAGACCAACAGGACCATGAGCTACCGCATGGGCTCGGTGATCGTCAGCCTACCGAGACCG
TGAGTGCCACAAACCTCTGCAACAGGCCAGACCCGGAGCCCGAGGGCGACCTTTTCCCCGGGGCCGTTA
CCTTGAGTGTGCATCCTGCACCTCTCTGGACCAGAGCTGTGAGAGGGGCCGGGAGCAAAGCCTGCAGTGC
CGGTATCCTACAGAACTGTATTGAAGTGGTACGCTCCAAAGCACAGAACGGAGCGTGAAGGACGAAC
CCTACACCAAAGGCTGTGGCAGTCTTCCCGGATGCCCGGGCACAGCAGTTTCCATAGCAACCAGACCTT
TCACTTCTGAAGTGTGCAACTCACCAATGCAATGGTGGCCAGTTCTGGATCTTCAGAGCTTACCA
CCGAATGGCTTCCAATGTTACAGCTGTGAGGGGAACAGCACCTTTGGATGTTCTACGAAGAGAGCTCCT
TCATTGACTGCCGGGACCAATGAATCAGTGCTTGGAGGCTACAGGCTTAGATGTGCTGGAAACCGGAG
TTACACCGTAAGAGGCTGCGCCACGGCTTCTGGTGCCAAGGTTCCACGTTGGCCGACTCCTTCCAGACC
CACGTCAACCTCTCTATCTCCTGCTGTAATGGCAGTGGCTGTAACCGCCCTACAGGGGGCGCCCCGGGC
CAGGCCCTGCTCATCTTATCCTCATTGCCTCCCTGCTCCTGACCCTCAGACTGTGGGGCATCCCTCTCTG
GACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216376 representing NM_017350
Red=Cloning site Green=Tags(s)

MGLLRRRLLLLVVVVTTCPASQGLRCIQCESNQDCLVEECALGQDLCRTTVLREWEDAEELEVTRGLC
 HKEKTNRTMSYRMGSVIVSLTETVSATNLCNRPARGRPFPRGRYLECASCTSLDQSCERGREQSLQC
 RYPTEHCIEVVTLQSTERSVKDEPYTKGCGSLPGCPGTAGFHSNQTFHFLKCCNF TQCNGGPVLDLQSLP
 PNGFQCYSCGNSTFGCSYEESFIDCRGPMNQCLEATGLDVLGNRSYTVRGCATASWCQGSHVADSFQT
 HVNLSISCCNGSGCNRPTGGAPGPGPAHLILIASLLLLLRLWGIPLWT

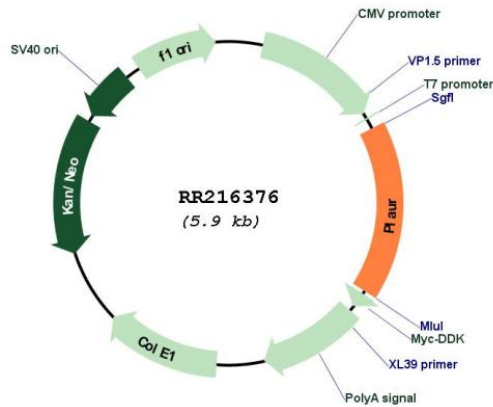
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_017350

ORF Size: 984 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:	<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_017350.1 , NP_059046.1
RefSeq Size:	1272 bp
RefSeq ORF:	987 bp
Locus ID:	50692
UniProt ID:	P49616
Cytogenetics:	1q21
MW:	35.8 kDa
Gene Summary:	receptor for urokinase-plasminogen activator; may play a central role in malignant tumour progression [RGD, Feb 2006]