

Product datasheet for **MG222814**

Plaur (NM_011113) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plaur (NM_011113) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Plaur
Synonyms:	Cd87; u-PAR; uPAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG222814 representing NM_011113 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGACTCCCAAGGCGGCTGCTGCTGCTGCTGTTGCTGGCGACTACCTGTGTCCAGCCTCCAGGGCC
TGCAGTGCATGCAGTGTGAGAGTAACCAGAGCTGCCTGGTAGAGGAGTGTGCTCTGGGCCAGGACCTCTG
CAGGACTACCGTGCTTCGGGAATGGCAAGATGATAGAGAGCTGGAGGTGGTGACAAGAGGCTGTGCCAC
AGCGAAAAGACCAACAGGACCATGAGTTACCGCATGGGCTCCATGATCATCAGCCTGACAGAGACCGTGT
GCGCCACAAACCTCTGCAACAGGCCAGACCCGGAGCCCGAGGCCGTGCTTCCCTCAGGGCCGTTACCT
CGAGTGTGCGTCTGCACCTCTTTGGACCAGAGCTGTGAGAGGGGCCGGGAGCAAAGCCTGCAATGCCGC
TATCCTACAGAGCACTGTATTGAAGTGGTGACCCTCCAGAGCACAGAAAGGAGCTTGAAGGATGAGGACT
ACACCCGAGGCTGTGGCAGTCTTCCCGGATGCCAGGCACAGCAGGTTTCCATAGCAACCAGACCTTTCA
CTTCTGAAGTGTGCAACTACACCCACTGCAATGGTGGCCAGTTCTGGATCTTCCAGAGCTTCCACCG
AATGGCTTCCAGTGTACAGCTGTGAGGGGAACAATACCTTTGGGTGTTCCCTCCGAAGAGGCGTCTCTCA
TCAACTGCCGGGACCAATGAATCAGTGCCTGGTGGCTACAGGCTTAGATGTGCTGGAAACCGGAGTTA
TACCGTAAGAGGCTGCGCCACGGCTTCTGGTGCACAGGCTCCACGTTGGCAGACTCCTTCCCGACCCAC
CTCAACGTCTCTGCTCCTGCTGCCACGGCAGCGGCTGTAACAGCCCCACAGGGGCGCCCCAGGCCAG
GCCCTGCTCAACTCAGCCTCATTGCCTCTGCTCCTGACCCTCGGACTATGGGGCGTCTCTCTGGAC
C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG222814 representing NM_011113
Red=Cloning site Green=Tags(s)

MGLPRLLLLLLLLLATTCPASQGLQCMQCESNQSCLVEECALGQDLCRTTVLREWQDDRELEVVTRGCAH
 SEKTNRTMSYRMGSMIIISLTETVCATNLCNRPRPGARGRAFPQGRYLECASCTSLDQSCERGREQSLQCR
 YPTEHCIEVVTLQSTERSLKDEDYTRGCGSLPGCPGTAGFHSNQTFHFLKCCNYTHCNGGPVLDLQSFPP
 NGFQCYSCGNNLGCSSSEASL INCRGPMNQCLVATGLDVLGNRSYTVRGCATASWCQGSHVADSFPTH
 LNVSVSCCHGSGCNSPTGGAPRPGPAQLSLIASLLLLTLGLWGVLLWT

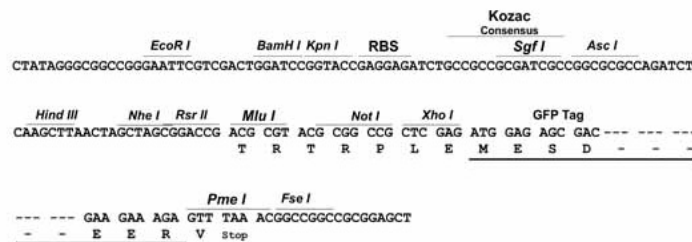
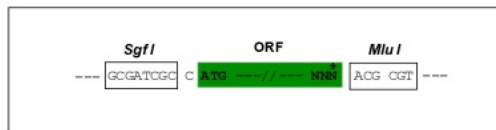
TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja2259_a03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_011113

ORF Size: 981 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_011113.3](#), [NP_035243.1](#)

RefSeq Size: 1396 bp

RefSeq ORF: 984 bp

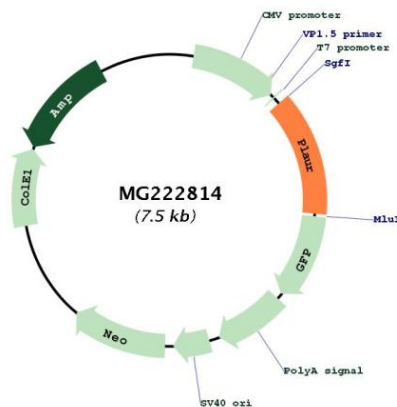
Locus ID: 18793

UniProt ID: [P35456](#)

Cytogenetics: 7 A3

Gene Summary: Acts as a receptor for urokinase plasminogen activator. Plays a role in localizing and promoting plasmin formation. Mediates the proteolysis-independent signal transduction activation effects of U-PA.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG222814