

## Product datasheet for **RG237192**

### PLAUR (NM\_001301037) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PLAUR (NM_001301037) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PLAUR
Synonyms:	CD87; U-PAR; UPAR; URKR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237192 representing NM_001301037. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGTCAACCGCGCTGCTGCCGCTGCTGCTGCTCCACACCTGCGTCCCAGCCTCTTGGGGCCTG
CGGTGCATGCAGTGAAGACCAACGGGGATTGCCGTGTGGAAGAGTGCGCCCTGGGACAGGACCTCTGC
AGGACCACGATCGTGCCTTGTGGGAAGAAGGAGAAGAGCTGGAGCTGGTGGAGAAAAGCTGTACCCAC
TCAGAGAAGACCAACAGGACCTGAGCTATCGGACTGGCTTGAAGATCACCAGCCTTACCGAGTTGTG
TGTGGTTAGACTTGTGAACCAGGGCAACTCTGGCCGGGCTGTCACCTATCCCGAAGCCGTTACCTC
GAATGCATTTCTGTGGCTCATCAGACATGAGCTGTGAGAGGGGCCGCCACCAGAGCCTGCAGTGCCGC
AGCCCTGAAGAACAGTGCCTGGATGTGGTGACCCACTGGATCCAGGAAGGTGAAGAAGGGCGTCCAAAG
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GACACCTTCCACTTCCGAAATGCTGCAACACCACCAATGCAACGAGGGCCCAAAAACGAAAAACCAA
AGCTATATGGTAAGAGGCTGTGCAACCGCCTCAATGTGCCAACATGCCACCTGGGTGACGCCTTCAGC
ATGAACCACATTGATGTCTCCTGCTGTACTAAAAGTGGCTGTAACCACCCAGACCTGGATGTCCAGTAC
CGCAGTGGGGTGTCTCCTCAGCCTGGCCCTGCCATCTCAGCCTCACCATCACCCTGCTAATGACTGCC
AGACTGTGGGGAGGCACTCTCCTCTGGACC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237192  
 Blue=ORF Red=Cloning site Green=Tag(s)

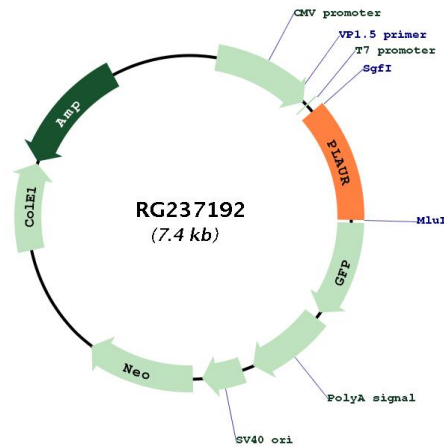
MGHPPLLPLLLLHTCVPASWGLRCMQCKTNGDCRVEECALGQDLCRTTIVRLWEEGEELELVEKSCTH  
 SEKTNRTLSYRTGLKITSLTEVVCGLDLCNQGNSGRAVYRSRYLECISCGSSDMSCERGRHQLQCR  
 SPEEQCLDVVTHWIQEGEEGRPKDDRHLRGCYLPGPCSGNGFHNNDTFHFLKCCNTTKCNEGPKPKNQ  
 SYMVRGCATASMCQHAHLGDAFNMNHIDVSCCTKSGCNHPDLVQYRSGAAPQPGPAHLSLTITLLMTA  
 RLWGGTLLWT  
**TR**TRPLEMEDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001301037

<b>ORF Size:</b>	858 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001301037.2</a>
<b>RefSeq Size:</b>	1427 bp
<b>RefSeq ORF:</b>	861 bp
<b>Locus ID:</b>	5329
<b>UniProt ID:</b>	<a href="#">Q03405</a>
<b>Cytogenetics:</b>	19q13.31
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	Complement and coagulation cascades
<b>MW:</b>	31.6 kDa
<b>Gene Summary:</b>	This gene encodes the receptor for urokinase plasminogen activator and, given its role in localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of the extracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activator and permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosyl-phosphatidylinositol (GPI) moiety following cleavage of the nascent polypeptide near its carboxy-terminus. However, a soluble protein is also produced in some cell types. Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several post-translational cleavage reactions that have not yet been fully defined. [provided by RefSeq, Jul 2008]