

Product datasheet for **SC300933**

PLAUR (NM_001005376) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PLAUR (NM_001005376) Human Untagged Clone
Tag: Tag Free
Symbol: PLAUR
Synonyms: CD87; U-PAR; UPAR; URKR
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001005376 edited
 CCTTCCTGAGGCCAGAAGGAGAGAAGACGTGCAGGGACCCCGCACAGGAGCTGCCCTC
 GCGACATGGGTACCCGCCGCTGCTGCCGCTGCTGCTGCTGCCACACCTGCGTCCAG
 CCTCTTGGGGCCTGCGGTGCATGCAGTGTAAAGACCAACGGGGATTGCCGTGTGGAAGAGT
 GCGCCCTGGGACAGGACCTCTGCAGGACCACGATCGTGCCTTGTGGGAAGAAGGAGAAG
 AGCTGGAGCTGGTGGAGAAAAGCTGTACCCACTCAGAGAAGACCAACAGGACCCTGAGCT
 ATCGGACTGGCTGAAGATCACCAGCCTTACCGAGTTGTGTGGGTTAGACTTGTGCA
 ACCAGGGCAACTCTGGCCGGGCTGTACCTATTCCCGAAGCCGTTACCTCGAATGCATTT
 CCTGTGGCTCATCAGACATGAGCTGTGAGAGGGGCCGGCACCAGAGCCTGCAGTGCCGA
 GCCCTGAAGAACAGTGCCTGGATGTGGTGACCCACTGGATCCAGGAAGGTGAAGAAGGGC
 GTCCAAAGGATGACCGCCACCTCCGTGGCTGTGGCTACCTTCCCGGCTGCCCGGGCTCCA
 ATGGTTTCCACAACAACGACACCTTCCACTTCCCTGAAATGCTGCAACACCACAAATGCA
 ACGAGGGCCCAATCCTGGAGCTTAAAAATCTGCCGAGAAATGGCCGCCAGTGTTACAGCT
 GCAAGGGGAACAGCACCCATGGATGCTCCTCTGAAGAGACTTTCCCTATTGACTGCCGAG
 GCCCATGAATCAATGTCTGGTAGCCACCGGCACTCACGAACGCTCACTTGGGGAAGCT
 GGTTGCCATGTAAAAGTACTACTGCCCTGAGACCACCATGCTGTGAGGAAGCCCAAGCTA
 CTCATGTATAAACACATTGATGTCTCCTGTGTACTAAAAGTGGCTGTAACCACCCAGA
 CCTGGATGTCCAGTACCGCAGTGGGGCTGCTCCTCAGCCTGGCCCTGCCATCTCAGCCT
 CACCATACCCTGCTAATGACTGCCAGACTGTGGGGAGGCACTCCTCTGGACCTAAAC
 CTGAAATCCCCCTCTCTGCCCTGGATCCGGGGGACCCCTTTGCCCTTCCCTCGGCT
 CCCAGCCCTACAGACTTGTGTGACCTCAGGCCAGTGTGCCGACCTCTCTGGGCTCA
 GTTTTCCAGCTATGAAAACAGCTATCTCACAAGTTGTGTGAAGCAGAAGAGAAAAGCT
 GGAGGAAGGCCGTGGGCAATGGGAGAGCTCTTGTATTATTAATATTGTTGCCGCTGTT
 GTGTTGTTGTTATTAATTAATAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



[View online »](#)

ACCN:	NM_001005376
Insert Size:	1400 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001005376.1</u> , <u>NP_001005376.1</u>
RefSeq Size:	1437 bp
RefSeq ORF:	846 bp
Locus ID:	5329
UniProt ID:	<u>Q03405</u>
Cytogenetics:	19q13.31
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Complement and coagulation cascades

Gene Summary:

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]

Transcript Variant: This variant (2) has multiple differences in the coding region, compared to variant 1. Variant 2 encodes the shortest isoform (2), also called suPLAUR, which is the soluble form of this protein. Isoform 2 lacks one of three LU (Ly-6 antigen/uPA receptor-like) domains, compared to isoform 1.