

Product datasheet for **SC300934**

PLAUR (NM_001005377) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PLAUR (NM_001005377) 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_001005377 edited
 CCTTCCTGAGGCCAGAAGGAGAGAAGACGTGCAGGGACCCCGCACAGGAGCTGCCCTC
 GCGACATGGGTACCCGCCGCTGCTGCCGCTGCTGCTGCTGCCACACCTGCGTCCCAG
 CCTCTTGGGGCCTGCGGTGCATGCAGTGTAAAGACCAACGGGGATTGCCGTGTGGAAGAGT
 GCGCCCTGGGACAGGACCTCTGCAGGACCACGATCGTGCCTTGTGGGAAGAAGGAGAAG
 AGCTGGAGCTGGTGGAGAAAAGCTGTACCCACTCAGAGAAGACCAACAGGACCCTGAGCT
 ATCGGACTGGCTGAAGATCACCAGCCTTACCGAGTTGTGTGGGTTAGACTTGTGCA
 ACCAGGGCAACTCTGGCCGGGCTGTACCTATTCCCGAAGCCGTTACCTCGAATGCATTT
 CCTGTGGCTCATCAGACATGAGCTGTGAGAGGGGCCGGCACCAGAGCCTGCAGTGCCGCA
 GCCCTGAAGAACAGTGCCTGGATGTGGTGACCCACTGGATCCAGGAAGGTGAAGAAGTCC
 TGGAGCTTGAAAATCTGCCGAGAAATGGCCGCCAGTGTACAGCTGCAAGGGGAACAGCA
 CCCATGGATGCTCCTCTGAAGAGACTTTCTCATTGACTGCCGAGGCCCATGAATCAAT
 GTCTGGTAGCCACCGGCACTCACGAACCGAAAAACCAAAGCTATATGGTAAGAGGCTGTG
 CAACCGCCTCAATGTGCCAACATGCCACCTGGGTGACGCCTTCAGCATGAACCACATTG
 ATGTCTCCTGCTGTAATAAAGTGGCTGTAAACCACCCAGACCTGGATGTCCAGTACCGCA
 GTGGGGCTGCTCCTCAGCCTGGCCCTGCCATCTCAGCCTACCATCACCTGCTAATGA
 CTGCCAGACTGTGGGGAGGCACTCTCCTCTGGACCTAACCTGAAATCCCCCTCTCTGCC
 CTGGCTGGATCCGGGGGACCCCTTTGCCCTTCCCTCGGCTCCCAGCCCTACAGACTTGT
 GTGTGACCTCAGGCCAGTGTGCCGACCTCTCTGGGCCTCAGTTTTCCAGCTATGAAAAC
 AGCTATCTCACAAAGTTGTGTGAAGCAGAAGAGAAAAGCTGGAGGAAGGCCGTGGGCCAA
 TGGGAGAGCTCTTGTATTATTAATATTGTTGCCGCTGTTGTGTTGTTATTATAATTA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001005377
Insert Size: 1200 bp



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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:	NM_001005377.1 , NP_001005377.1
RefSeq Size:	1413 bp
RefSeq ORF:	873 bp
Locus ID:	5329
UniProt ID:	Q03405
Cytogenetics:	19q13.31
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Complement and coagulation cascades
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks one exon in the coding region and encodes an isoleucine rather than a valine following the splice site, compared to variant 1. Variant 3 encodes isoform 3 which is longer and lacks one of three LU (Ly-6 antigen/uPA receptor-like) domains, compared to isoform 2.</p>