OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC318622

UMODL1 (NM_173568) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UMODL1 (NM_173568) Human Untagged Clone
Tag:	Tag Free
Symbol:	UMODL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC318622 representing NM_173568.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTCAGGACCTCGGGGCTGGCACTGCTGGCTCTGGTCAGTGCTGTGGGCCCAAGCCAGGCCAGCGGC
TTCACAGAAAAAGGCCTCTCCCTGTTGGGCTACCAGCTATGCAGCCACCGTGTGACCCACACTGTACAG
AAGGTGGAGGCCGTGCAGACGTCCTACACGTCCTATGTGTCCTGCGGCGGCTGGATCCCCTGGAGGCGG
TGCCCTAAGATGGTTTACCGGACACAGTACCTGGTAGTGGAGGTCCCCGAGTCCAGGAACGTGACTGAC
TGCTGTGAGGGCTATGAACAGCTCGGCCTCTACTGTGTCTTGCCCCTGAATCAGTCCGGGCAGTTCACG
TCAAGACCTGGGGCCTGCCCCGCAGAGGGGCCTGAACCATCCACCTCCCCCTGCAGCTTGGACATCGAC
TGTCCTGGACTTGAGAAGTGCTGCCCCTGGTCAGGGGGGCGCTACTGCATGGCCCCTGCACCCCAAGCT
CCAGAGAGGGACCCTGTGGGCTCCTGGTACAACGTCACCATACTGGTGAAAATGGACTTCAAGGAACTC
CAGCAAGTGGACCCCAGGCTCCTGAACCACATGCGCCTTCTGCATTCCTTGGTCACCAGCGCCCTGCAA
CCAATGGCCTCCACCGTCCACCACCTGCACTCAGCCCCTGGGAACGCCTCCACCACAGTGTCGCGGCTG
CTACTGGGCCTGCCACGGCCACTGCCTGTGGCTGACGTCTCCACCCTGCTGGGTGACATTGCGAAGCGT
GTCTATGAAGTGATCAGCGTCCAGGTGCAAGATGTCAATGAGTGTTTCTATGAGGAGCTCAATGCCTGC
TCTGGAAGGGAACTGTGCGCAAACCTGGAGGGCTCGTACTGGTGCGTCTGTCACCAGGAAGCTCCAGCC
ACGTCTCCACGGAAGCTGAACCTGGAGTGGGAAGATTGTCCTCCAGTCAGTGACTACGTGGTCCTCAAC
GTCACCAGTGACAGTTTTCAAGTATCCTGGCGTTTAAATTCTACACAGAACCACACTTTCCATGTCCGG
GTTTACCGGGGTATGGAGTTGCTCAGGAGCGCCAGGACACAGAGCCAGGCACTGGCAGTGGCTGGGCTG
GAGGCTGGAGTGCTGTACAGGGTGAAGACCAGCTACCAGGGGTGCGGGGCCGACGTCTCCACCACGCTG
ACCATCAAAACCAATGCCCAGGTATTTGAAGTCACAATAAAGATTGTAAACCACAACCTGACGGAGAAG
TTACTCAACCGCAGCAGTGTGGAGTACCAGGACTTTTCTAGACAACTGCTTCACGAGGTCGAGAGCTCC
TTCCCACCAGTGGTGTCTGACTTGTACCGAAGTGGGAAGCTGAGAATGCAGATCGTGTCTCTCCAGGCG
GGAAGTGTGGTCGTGAGGCTCAAGCTCACCGTGCAGGACCCCGGGTTTCCCATGGGCATCTCCACGCTG
GCCCCCATACTCCAGCCCCTGTTGGCAAGCACAGTGTTCCAGATTGACCGGCAGGGGACACGCGTGCAA
GACTGGGACGAGTGTGTGGACAGCGCGGAACACGACTGCTCACCGGCTGCCTGGTGCATCAACCTGGAG
GGCTCCTACACCTGCCAGTGCCGTACCACCAGGGACGCCACCCCCTCCCGCGCAGGCCGGGCCTGTGAG

View online »

GGTGACCTGGTGAGCCCCACGGGCGGTGGACTGTCTGCGGCAACAGGGGTAACGGTCCCAGGTCTTGGC
ACGGGAACAGCAGCCCTCGGCCTAGAGAACTTCACCTTGTCACCCAGTCCTGGGTACCCTCAGGGCACC
CCGGCAGCAGGCCAGGCCTGGACCCCAGAGCCCTCACCCAGAAGAGGGGGCAGCAATGTGGTCGGGTAT
GACAGGAACAACACAGGAAAAGGCGTGGAGCAGGAGGTGCCCAGCACTGCCCCGGGTCTGGGGATGGAC
CAGGGGAGCCCCAGCCAGGTGAACCCCAGCCAGGGGAGCCCCAGCCAGGGGAGCCTCAGACAGGAGAGT
ACCAGCCAGGCGAGCCCCAGCCAGAGGAGCACCAGCCAGGGGAGCCCCAGCCAGGTGAACCCCAGCCAG
CGGAGCACCAGCCACGCGAACTCCAGCCAGGGGAGCCCCAGCCAGGGGAGCCCCAGCCAGGAGAGCCCC
AGCCAGGGGAGCACCAGCCAGGCGAGCCCCAGCCATAGGAACACTATCGGGGTGATAGGCACCACCTCC
TCCCCGAAGGCTACTGGGTCAACCCACAGCTTCCCTCCTGGGGCCACAGATGGCCCACTGGCCCTCCCT
GGACAGCTACAGGGAAACTCCATCATGGAGCCACCCTCCTGGCCTTCCCCTACTGAGGACCCCACCGGC
CACTTCCTGTGGCATGCCACCCGTTCCACCCGGGAAACACTTCTGAATCCCACGTGGCTGCGAAATGAG
GACAGTGGACCCTCCGGTTCTGTAGACCTGCCATTGACCTCCACCCTCACAGCTCTGAAGACCCCCGCC
TGTGTTCCTGTCTCCATTGGGAGGATCATGGTCTCCAATGTGACCAGCACCGGCTTCCACCTGGCATGG
GAGGCGGATCTTGCTATGGACTCCACCTTCCAGCTCACTCTGACTTCCATGTGGAGCCCTGCTGTGGTC
CTAGAGACCTGGAACACGAGTGTGACACTGTCGGGGCTGGAGCCTGGGGTCTTGCACCTGGTTGAGATC
ATGGCCAAAGCATGTGGGAAAGAAGGTGCCAGAGCTCATCTGAAAGTGAGGACAGCAGCCCGGAAGCTC
ATTGGAAAGGTCAGAATCAAAAATGTCAGGTACTCAGAATCCTTTCGCAACGCAAGCAGCCAGGAGTAT
CGAGATTTCCTAGAACTATTCTTCAGGATGGTGCGGGGCTCCCTGCCAGCCACCATGTGTCAGCACATG
GACGCTGGTGGGGTCAGGATGGAAGTCGTCAGCGTCACCAACGGCAGCATCGTGGTGGAGTTTCACTTG
CTGATAATCGCAGATGTGGATGTCCAGGAGGTGTCAGCTGCATTTCTCACCGCCTTCCAGACCGTGCCT
CTGCTGGAGGTGATCAGAGGCGACACCTTCATACAGGATTACGATGAGTGTGAAAGGAAGGAGGACGAC
TGTGTGCCGGGGACATCCTGTCGAAACACCCTCGGGTCTTTCACTTGTAGCTGCGAGGGAGGAGCCCCC
GACTTCCCTGTGGAATATTCTGAGAGACCCTGTGAAGGTGACTCTCCTGGCAATGAAACCTGGGCCACC
AGCCCAGAGAGGCCTCTCACCACAGCAGGGACCAAGGCTGCCTTTGTGCAAGGCACCAGCCCCACCCCC
CAAGGCCTGCCCCAGCGGCTGAACCTGACCGGAGCAGTCAGGGTGCTCTGTGAGATCGAGAAGGTGGTT
GTCGCCATCCAGAAGCGCTTCCTGCAGCAGGAATCCATCCCCGAGTCCTCGTTGTACCTCAGCCACCCC
TCCTGCAACGTGAGCCACAGCAATGGCACACACGTGCTCCTGGAGGCCGGCTGGAGCGAGTGTGGGACC
CTCATGCAGAGCAACATGACGAACACCGTGGTGAGGACCACGCTGAGGAACGACCTGTCCCAGGAGGGC
ATCATCCACCACCTGAAGATCCTGAGCCCCATCTACTGCGCCTTCCAGAATGACCTGCTGACATCCTCC
GGCTTCACCCTGGAGTGGGGGGTTTACACCATCATCGAGGACCTCCACGGCGCTGGGAATTTTGTTACC
GAAATGCAGTTGTTTATCGGAGACTCTCCCATACCTCAGAATTATAGCGTGTCTGCCAGTGACGATGTC
AGGATCGAAGTGGGGCTCTACAGGCAGAAAAGCAACCTCAAGGTGGTCCTGACGGAGTGCTGGGCAACC
CCGTCTAGCAACGCCCGGGACCCCATCACCTTCAGCTTCATTAACAACAGCTGCCCTGTGCCCAACACA
TACACCAACGTGATTGAGAACGGCAACTCCAATAAGGCCCAGTTCAAGCTGAGGATCTTTTCCTTTATC
AACGACTCCATCGTCTACCTGCACTGCAAACTCCGCGTCTGCATGGAATCCCCCGGAGCCACGTGCAAA
ATCAATTGCAATAACTTTCGGTTGCTGCAAAATAGTGAAACCTCTGCCACACACCAGATGTCCTGGGGA
CCCCTCATCCGGTCTGAAGGTGAGCCTCCTCATGCAGAAGCAGGCCTGGGTGCCGGTTATGTGGTCCTT
ATTGTGGTGGCCATCTTCGTGCTGGTGGCGGGAACAGCCACCCTTCTGATCGTGCGCTACCAGAGAATG
AATGGGAGATACAACTTTAAAATCCAGTCCAACAACTTCAGCTACCAGGTGTTCTACGAATAG
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_173568

Insert Size: 4341 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:	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_173568.3
RefSeq Size:	5262 bp
RefSeq ORF:	4341 bp
Locus ID:	89766
UniProt ID:	Q5DID0
Cytogenetics:	21q22.3
Domains:	zona_pellucida
Protein Families:	Transmembrane
MW:	156.9 kDa