

Product datasheet for MC224302

Umodl1 (NM_177465) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Umodl1 (NM_177465) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Umodl1
Synonyms:	D17Ert488e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224302 representing NM_177465 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGTCCAGGACCGTGAGGCTGGTCTGTTGGCTTTGGCCTGTACTGTGGACCTGAGCCAGGCCAGTG
GCTTTACAGAAAATGGCCTCTCCCTGCTGAGCTACCAGCTCTGCAGCTACCCGGTGACCCGAAGTGCCA
GAAGCTGCAGGCTGTGCAGACCTCTCACACAGCCTACGTGTACTGTGGAGGATGGATCCCCTGGAAAAAG
TGCCCCAAGACTGTGTACCGACCCAGTACCTAGCGATGGATGTCCCTGAGTCCAGGAATGTGACCGACT
GCTGTGCGGGCTTTGAGCAGCTTGGCCTCTACTGCGTTCTGTCCCTGAACCGGTCCCGGGAGTTTGCATC
GAGGCCCGGGGTCTGCCGACTGCTGAAGCAGAGCCACTTAGCCCTTCATGCAGCTTGGACACAGACTGC
TCTGGACTTCAGAAGTGCTGTTCTGGCCAGGGGGCCGCACTGTGTGTCCCCACACCCACAGGTACAG
AGAAGAGCATGGTGAGCTGGTACAACGTGACTGTGCTGGTGAAGGTGGGCTTCGAGGACCTGCAGCGAGA
GGACCTGGGCTCCGGAACCACACGCGCCTGCTCTACTCTTTGGTTACCAGTGCCCTTGACGCTCTGAAC
CCAGCTGTACACTACCTGACCTCGACTGGTGGCAAGGACACATTCACCACTGTGTGATGGTACTGATGG
GCTTTCCACGGCTCATGACGGTAGCCAATGTCTCCGTGATGTTGGATGACATGGTGAATCGGGTCTATGA
GGTGGTCAGCATCCAGGTGCAAGACGTGAACGAGTGTCTTACAGTGAGCTGCAAGCCTGCTCTGTAAGA
GAGCAGTGTCCGAACCTGGAGGGCTCCTACCAATGTGTGTCTTCCAGCGGCTGAACCACACAGATGAAG
ATTGCCCTCCAATCCGAGATTTCTGGCACTTAATGTACCAGCAGCAGTTTCCATGTGTCTGGAGTTT
GAATTCACCTCAGAACTACAATTTCCACATTCAAGTGTACAAAGGCAAAGAGATACTCAGAAGCGTTGG
ACAAGGGGCCACACTATGGCTGTGTCTGACTTGGAGGCTGGAGTACTTTACAGAGTGAGGACTAGCTACC
TGGGGTGCGGGGCCAATGTCTCTGCCACTGGTTGTCAAGACAGATGCCAGGTTTTCCAAGTCACAA
ACGGATCATGGACCGTAACCTGACAGAGCAGATTCTTACTGACGAGCGGGGAATTTCTGGAACCTTTCT
CGACAGCTGTTTCATGAGGTGCAAACTCCTTCCCCAAGCCATCTCTGACCTGTACAGACAAGGGAGGC
TGAGGATGCAGATCGTGTCTCTGCAGGCAGGGAGTCTAGTGGTGACGCTTAGACTCACCTGCAAGACCC
TGACTTTTCAGTGGGGTCCACACTGACGCCTATGCTGCCGCTCTGTCTGTGAGCAAGTGTCCAG



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GTTGACCAGCAGAGGACATTCGTGCAAGACTGGGATGAGTGTGCACACAGCTCGGAGCATGACTGCCACC
 CGAGCGCACGCTGCATCAACCTGGAGGGCTCTACACGTGCCAGTGCCTCACAGCCAGGGATGCCAGCCC
 CTCCAGGGCTGGCAGGGTCTGCGAGGGTGACATGGTGTACCCACAGGAGATGAACTGTCTGTAACAACG
 AAGGTCACAGTCCCAGCTGCCAGTACGGGAATAACAACCTTTGGCCAGAGACCCACCCGAGTCACTAA
 GTTCCAAGCAGCAAGGAGCAGCCAGCAAGAAGTCAAACCTGGACCCAGTGCCTCCATCAGTGAAGAGA
 TGGGGGTAGCATAGTCAGGCAGGATAGGAATAGCACGGGACAAGGTATGGAGGTGCCAACGTGACCCCA
 AACCTGGGCAAAACCCACAGAAGTACCAGTGGGGTGACAAGCTCTGTTCCCTGGGCTCCAGGACAGACCC
 ATGGAACCCATCAGGGGACCACAGATGCCCACTGCACACCACTCGAGAGTACAGGAACCTTATCACCAA
 AGATCCACCCTTCTGACTGCTACAACCACGGGCTATGTTGTGTGGCACTCCAGTCCCCTTGAAGACA
 CCTCCGAACCTCCACAAGACTACAGAATGAAGACCTCGATCTTCTCCTTCCAGGCCCGCCATCGGCC
 CAACCGATGTGACTCCAGAGTCCCCTGCCTGTGTTCTGGACCCATTGGAAGGTACGGTCTCTAACGT
 GACCAGTACCAGCTTCTCCCTCGAGTGGCTGCAGACATCCGCCTCTCCCTGCCTTCCACCTCACATTG
 GTCTCTCCTCGGGTCTGCCATGACCATGGAGACCCAGAACAAATATGTGACATTGTGAGGACTGGAAT
 GGGGAACCTTGTATCTGGTGGAGATTGTGGCTAAGGTGTGTGGGAAAGAAGGTGCCAGAACACAGCTGAA
 AGTGGGACAGTGGCCAGAACTTGGCGTAACGTCCGGATCAGGAGCATGCAGTATTCGGAATCCTTC
 CTAATACCAGCAGCAGGAGCAGCAGAGTTCGTAGAGTTGTTCTTCAAGCGTGGGGACTCTCTGC
 CAGCCACGCTGCGTCAGCACATGGATGCAGGCAGGATCCGTGTGGACATATTAACATCACAAATGGCAG
 CATCGTGGTGGAGTTAATCTGCTAATGACAGCAGACCTTGATGTGAGGAGGTGTCTGCTGGCTTCCCT
 AATGCCTTACAGAACACATCGATGCTGGAGGTGGTCCAGAGGCAAACTTTTATGCAAGATTACAACGAGT
 GTGACATGAAAGAGGATGACTGTCCCTGGGACATGCAGGAACACTTTCGGGTCTTTACATGTAGCTG
 TGATGAGGGAGGACCTGACTCACAGGTGGAATATCTGGAAGTCTGTGATGGTACCCTTCTGGCAAC
 ATGACCCAGACCCAGGCTCAGAGTGGTCTCCTACCCAGCAGGAAGTGGGGTGTCCCTGTGCCAATTG
 CCAGCTCCACAGCCAGGACCTTCCCTGCGGCTGAACCTGATGGACGCTGTTAGCGTGTCTGTGAGAT
 CGAGACGGTGTATCATCCCATCCAGAAGCGCTTCTGCAGCAGGCGGCCATACCTGAGGCCTCCCTGTAC
 CTGGGAGAGCCATCCTGCAATGTGAGCAGAAGCAACAGCACACAGTGTCTGTTGCTGGTGGCTGGGGCG
 AGTGTGGGACCATCTTACAGAGTAACATGACCACCACAGTGGTGCAGCACCAGCTGAGGAACAACCTGTC
 CCCAGAGGGTGTATCCACCACCACAGTTCCTCAGTCTATCCACTGTGCCTTCCAGAATGACGTTCTG
 ACTTCTCGGGTACACCCACAGTGGGGGTCTACCCGTCATCGAAGACCTCCACGGGACTGGAAATT
 TTGTCACAGAAATGCAGTTGTACATTGGCGATTCTCCATACCTCAGAACTATAGCGTGTCCGACGGA
 TGAGATCAAGATTGAGGTGGGGCTTACAGGCAGAAGAGCAGTCTGAAGGTGCTGCTGACTGAGTGTGG
 GCCACCCCTCCAGCAACGCCAAGGACCCGTAACCTTACGTTTATCAACAACAGCTGCCCTGTCCCA
 ACACCTACACCAGCGTATTGAGATGGCACTCCAGCAAGGCCAGTTCAGCTGAGAATCTTCTCCTT
 CATCAACAACCTCATCGTCTACCTGCACTGCAAGCTGAGAGTGTGCATGGAGAACCCAGGAACTCGTGC
 AGGATAAGCTGCAACGACTTCCGGTCTGAGAAAGTAGTGAAGCCTTGCACCAGATGACCTGGGGCCCC
 TCCATCGGACTGAAGGTGCACAGGCATGTACAAGCCAGTCTGGGGACCGGTTACATCATTCTCTAGC
 GGCAGTGCACCTCTGGTAGTGGCAGGGGCCACAACCTTCTGATCTTGCCTTACCAGAGAGTAAGGCAG
 AAATAAATCTTCGGATCCAGACCGAGCTTACAGTACCAGGTGTTCTCTCAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3219_b03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_177465

Insert Size: 4047 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).

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_177465.4</u> , <u>NP_803416.2</u>
RefSeq Size:	5091 bp
RefSeq ORF:	4047 bp
Locus ID:	52020
UniProt ID:	<u>Q5DID3</u>
Cytogenetics:	17 15.8 cM