

Product datasheet for **RN202687**

Ubqln1 (NM_053747) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubqln1 (NM_053747) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubqln1
Synonyms:	Da41
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202687 representing NM_053747
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGAGAGCGCAGAGAGCGGGCCACCGGGCGCTCAGGACAGTGCGGCCGACAGCGGCCCGCAG
 AGCCCAAGATCATGAAGGTCACGGTGAAGACGCCCTAAAGAGAAGGAAGAGTTCGCTGTGCCGAGAACAG
 CTCGGTCCAGCAGTTCAAAGAGGAAATCTCAAAACGTTTCAAATCTCATATTGACCAACTTGTGTTGATA
 TTTGCTGGAAAAATTTAAAAAGATCAAGATACTTTGAGTCAGCATGGGATTCATGATGGACTTACGGTTC
 ACCTTGTGCATCAAAACCCAAAACAGGCCGAAGATAATTCAGCTCAGCAAAACAAATACCACTGGAACAG
 TGTGACCAGTTCACCAGCTCCTGACAGTAACCCACGCTCTGGCCTGCTGCTAACAGCTCCTTTGGTTTA
 GGTGGACTTGGAGGACTGCAGGCTTAGTAGCTTGGGTTTAAATACCACCAACTTCTGAACTACAGA
 GCCAAATGCAGCGGCAACTTTTGTCTAACCTGAAATGATGGTCCAGATCATGAAAAACCCCTTTGTGCA
 GAGCATGCTCTAAACCCCTGACCTGATGCGGCAGCTGATCATGGCCAACCCACAGATGCAGCAGCTGATA
 CAGAGAAAACCCAGAGATCAGTCACATGCTCAATAACCCAGACATAATGCGACAGACATTGGAACCTGCCA
 GAAACCCAGCGATGATGCAGGAAATGATGAGAAAACCCAGGACCGAGCCTTGAGCAACCTAGAAAGTATCCC
 TGGGGGCTACAACGCCTTACGGCGCATGTACACAGATATTCAGGAGCCCATGCTAAACGCTGCGCAAGAG
 CAGTTTGGTGGTAATCCATTTGCTTCTTAGTGAGCAGTCCGTCCTCAGCAGAAGGGACTCAGCCTTCTC
 GAACAGAAAAATAGGGATCCGCTACCTAACCCCTGGGCTCCACAGACTCCCAGAGCTCTCCAGCCTCTGG
 CAGCACTGGCAGCACCCTAACACAGTGAGCACCTCTGCTGGCAATGCCACCAGTACCCCGCGGGACAG
 GGCACCTCAGGGCCCACTTGGTGCCTGGAGCAGGAGCTAGTATGTTCAACACGCCAGGGATGCAAAGCT
 TGTTCAGCAAAATAACTGAGAACCCTCAGCTCATGCAGAACATGCTGTCTGCCCTACATGAGAAGCAT
 GATGCAGTCACTGAGCCAGAACCCGACCTTGCCGCACAGATGATGCTGAATAACCCCTATTTGCTGGG
 AACCCCTCAGTTCAAGAGCAAAATGAGACAACAGCTCCCAACCTTCTCCAACAAATGCAGAACCCCGACA
 CACTGTGACCCATGTGCAACCCCTAGAGCCATGCAGGCGCTGCTGCAAAATCCAGCAGGGCTTGCAGACGTT
 GGCCACAGAAGCTCCCGCCTCATCCCAGGGTTTACTCCTGGCTTGGCAGCGGGCAATTCTGGAGGCCCT
 GCAGGAACCACTGCACCTAGCACTGCACCTGGTGAGGATACGAACCCCAAGGGGGCGCTGCTGAGCCAG
 GCCACCAGCAGTTTATCCAGCAAAATGCTGCAGGCCCTCGCCGGGTGAACCCCTCAGCTGCAGAGTCCAGA
 AGTCAGATTTCAACAGCAACTGGAACAGCTCAGTCAATGGGATCTTGAACCGTGAAGCAAACTTACAA
 GCACTGATAGCAACAGGGGGCGACATCAATGCGGCCATTGAAAGTTGCTGGGTTCCAGCCGTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053747
- Insert Size:** 1749 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:

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_053747.2](#), [NP_446199.2](#)

RefSeq Size: 2330 bp

RefSeq ORF: 1749 bp

Locus ID: 114590

UniProt ID: [Q9JJP9](#)

Cytogenetics: 17p14

Gene Summary: contains ubiquitin-like (Ubq) domain, ubiquitin associated (Uba) domain and numerous NPX-phi motifs (X, any; phi, hydrophobic amino acid); ubiquitously expressed; interacts with protein kinase mTOR and tumor suppressor DAN [RGD, Feb 2006]