

Product datasheet for **RN201488**

Ubqln4 (NM_001107688) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubqln4 (NM_001107688) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubqln4
Synonyms:	RGD1308273
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201488 representing NM_001107688
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCGGAGCCGAGTGGGGCTGAGACGAGGCCAGATTCCGGTCACCGTCAAGACCCCCAAGACAAGG
 AGGAGATCCTGATCTGCGATCAAGCCTCGGTCAAGGAGTTCAAGGAGAAATCTCCCGGAGGTTTAAGGC
 TCAGCAGGATCAGCTGGTCTGATCTTCGAGGCAAGATCCTCAAGGATGGAGACACACTGAACCAGCAT
 GGGATCAAGGACGGGCTCACGGTTCATCTAGTCATCAAAACCCCTCAGAAGGCTCAAGATCCAGTGACTA
 CTACTGCTTCTCCCATCCACTCCTGACTCTGCCTCAGCACCCTCCACCACGCCTGCCTCACCTGCGGC
 CCCTGTCCAGCCCTGCAGCTCTGGCAATACTACTTCAGATGCTAGCAGTGGAGGGGGCCTTCTCCAGTG
 GCGGCAGAGGGACCTCAATGCCACTGCATCAATTCTTCTGGCTTTGGGGGCATCCTGGGCTGGGCA
 GCCTGGGCTGGGCTCCGCCAATTTATGGAGCTACAGCAACAGATGCAGCGGCAGCTCATGTCCAATCC
 TGAGATGCTGTCGAGATCATGGAGAACCCCTGGTCCAGGATATGATGTCAAACCTGACCTGATGCGC
 CACATGATCATGGCTAACCCCAAGATGCAACAGCTGATGGAGAGGAACCTGAGATCAGTCACATGCTCA
 ACAACCCGGAGCTCATGAGGCAGACAATGGAGCTTGCTCGTAACCCAGCCATGATGCAAGAAATGATGCG
 GAACAGGACCGGGCCCTCAGCAACCTGGAAAGTGTCCCGGAGGGTATAATGCCCTCCGCCGATGTAC
 ACGGACATCCAGGAACCATGTTCACTGCTGCCCGGAACAGTTTGGCAACAATCCCTTCTCTTCCCTGG
 CCGGGAATCCGACAACCTCATCTCCCAACCTCTTCGACTGAGAATCGAGAGCCCTCCCTAACCCCTG
 GAGCCCCCTCGCCCCACCTCCAGGCCCGGGTCCGGTGGGGAGGGCACCGGAGGATCGGGGACCAGC
 CAGGTGCACCCGACAGTCTCGAACCCCTTTGGGATCAATGCGGCTAGCCTGGGGTCAGGGATGTTCAACA
 GCCCAGAAATGCAGGCGCTGCTCCAGCAGATTTCTGAAAACCCCAAGTATGCAGAATGTCATCTCGGC
 CCCTTACATGCGCACCATGATGCAGACGCTTGCCAGAACCCCTGACTTTGCTGCTCAGATGATGGTGAAT
 GTACCGCTGTTTGCAGGGAATCCACAACCTCCAGGAGCAGCTGCGCCTGCAGCTCCCTGTATTCTGCAGC
 AGATGCAGAACCAGAGTCTCTCTCCATCTCACAACCCACGGGCCATGCAAGCCTTGCTGCAGATCCA
 GCAGGGGCTGCAGACCCTCCAGACTGAAGCCCCTGGGCTAGTACCCAGCCTTGCTCCTTTGGGACACCC
 CGGACCTCGGTACCTTTGGCAGGCAGCAACTCTGGATCTGCAGCCGAGGCCCCCACTGCTCCCCAGGCA
 CACCAGCCACAACCTCTCCAGTGCGGGTTCCAATACCCAGCAGCAACTCATGCAGCAGATGATCCAAT
 TTTGTCTGGAAGTGGAACTCACAGGTTCCAGTGCCAGAAGTGAGATTTCAACAGCAGCTGGAGCAGCTC
 AACTCCATGGGCTTTGTCAACCGTGAGGCCAACCTACAAGCCCTGATCGCCACAGGAGGGGACATCAATG
 CGGCTATTGAGAGACTCCTGGGATCCAGCTCTCT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001107688

Insert Size: 1788 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_001107688.1, NP_001101158.1

RefSeq Size: 3258 bp

RefSeq ORF: 1788 bp

Locus ID: 310633

Cytogenetics: 2q34