

Product datasheet for **RN208332**

Ubqln2 (NM_001108251) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ubqln2
Synonyms:	RGD1563566
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>RN208332 representing NM_001108251
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGAGAAGCGGAGAGCAGCGGCCCGCCGCCCTCCGCGGCCCTGCTGCGGCCCGAGGCGCG
CCAACCCGCCAGCGGAGGCCAAAATCATCAAAGTCACTGTGAAGACCCCAAGAGAAGGAGGAGTTGCG
GGTGCCCGAGAACAGCACCGTGCAGCAGTTCAAGGAAGCGATTTCCTAAACGCTTCAAATCGCAAACCGAT
CAGCTCGTGCTGATTTTCGCTGAAAAATCTCTGAAAGATCAAGACACCTTGATCCAGCATGGCATCCATG
ATGGACTGACTGTTACCTGGTTATCAAAAGCCAGAACCCTCCGAGGGCCAGGCCACACCGCAGGCCA
CACTACTGCGGAACGAGCAGCAGCACGACCAGCAACCCACCGCGCGGCCGCCGCCGCGGAGCTACA
TCATCGGCTCCGAGGTGTAGCAGCAGCACTACTACCAAAATAGCAGCAATTTGGGGCTCGGAAGCCTTG
CCAGCCTTGGAACCTGGGTTTGAACCTCGTCCAACCTCAGAGCTTCAGAACCAGATGCAGCAGCAGCT
CTTGGCCAGCCCCGAGATGATGATCCAGATCATGGAAAATCCCTTTGTTTCAGAGCATGCTTTCGAATCCT
GATCTGATGAGGCAGCTCATCATGGCCAATCCACAGATGCAACAATTGATCCAGAGAAACCCAGAAATCA
GCCACCTACTGAACAACCCAGATATAATGAGGCAGACTCTCGAAATCGCCAGGAATCCTGCCATGATGCA
AGAGATGATGAGAAATCAAGACCTGGCTCTCAGTAATCTCGAAAGCATCCCAGGTGGCTACAATGCTCTG
CGGCGCATGTACACTGACATTCAAGAACCCATGCTGAATCGCCGACAGGAGCAGTTTGGGGGCAATCCGT
TGGCCACGGTGGAGCAGATTCTCTCTCAGGGGAAGGTAAGTCAAGCTTCCGCGACGGAGAATCGGGATCC
CTGTCCTAATCCTTGGGCACCAACGCCAACTACCCAGACCTCTGCGACGACCACCACCAGACCACAAGC
AGTGGCACTGTGGCTGGCAGCAACACCAGCAGCACTACGGCCGGGAACACCATGGCTGCAGCTAATTATG
TGGCCAGCATCTTCAGCACCCAGGAATGCAGAGCCTGCTGACAGCAGATAACTGAAAATCCCCAGCTGAT
TCAGAATATGCTGTCTGCACCCATCATGTAGAAGCATGATGCAGTCGCTGAGCCAGAATCCAGATATGGCT
GCCAGAGATGATGCTGAGTAGCCCACTGTTTACGGCGAATCCTCAGCTCGAGGAGCAGATGCGTCCACAGC
TCCGGAATTCTCTGCAGCAGATGCAGAGTCAGCAAAACCATCGCGCCATGTCAAACCCGAGAGCGATGCA
AGCGCTACTGCAGATCCAGCAGGGGCTACAGACATAGCCACTGAAGCACTGGCGCTCATTTCAGGATTC
ACTCCAGGTGTGGGGTGGGAGTGTGGGAACGGCCATAACCCCTGTGGGCCAGTCACTCCCATAGGGC
CCATCGGTCTATCGTTCTTTTACCCCCATAGGCCCCATCGGGCTATAGGACCCACTGGCCCTGCCAG
CTCCCTTGCTCGACCGGCACCGGGATCCCGCCTGCAACCCTGTGTCAGCTCTGCACCTACTGAAACC
ATAAGTCCAACATCAGAACTCTGGACCCAGCCAGCAGTTCAATCAGCAAAATGGTGAGGCTCTCACTGGAG
GAAGTCTCTCCACAGCGCGGAACTCTGAAGTGAGATTTTCAGCAGCAACTGGAACAGCTCAACGCCATGGG
GTCTTAAACCGCAGCAAACTTGACGGCCCTAATAGCAACAGGAGGCGCATCAACCGCGGCATTGAG
AGGCTGTGGGCTCTCAGGCATCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM 001108251

Insert Size:

1917 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001108251.1, NP_001101721.1</u>
RefSeq Size:	3421 bp
RefSeq ORF:	1917 bp
Locus ID:	317396
Cytogenetics:	Xq12