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Product datasheet for RN215340

Urb2 (NM_001135708) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Urb2 (NM_001135708) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Urb2
Synonyms:	RGD1307980
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN215340 representing NM_001135708
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGCTGTTTATTCTGGTATTTCCTTTAAACTTAAAAGCAAGACAACTTCCTGGGAAGATAAACTAA
AATTAGCTCACTTTGCTTGGATTTCTCATCAGTGCTTTCTACCAAATAAAGAACAAGTTTTACTTGATTG
GGCAAGACAGTCATTGGTTGCATTTTATAAGAAGAAGCTTGAACTGCAGGAAGATATTGTTGAAAGGCTC
TGGGTCTATGTAGATAACATTCTACATAGCAGGAGATTACAGAATCTCCTCAAGAATGGAAAGACTATAA
ATCTTCAGATTTCCCTTGTCAAGATCATAAATGAGAAAATCGAAGAGTTCTCACTTTCGGGATCCCAGAG
GAGTATCTGCGCCATCCTGAGTTGCTGCCAGGGCATCCTCTCAGCACCTGCCCTTGCTGTCATCTACACA
GCCAAACCAGAGCTTATTGTGGCTTTGCTGAGCCAGCTCTGCTGGTCAGCCTGCAGACAACCAGAAGGAG
CCATGACAGCCAAGCTATTTGAGGTCATTCATCTGGCTCTTGACCATTACCTCAAACTTCAGCAGCAACA
AGCCAACCCTAGGCGTGTCTTTGGAGATATGACTGGCCACCTCTTCCAGCCCTGCCTAGTCCTGAGACAC
TTGCTTTTGGGGGGCACATGGACACAGGCTAGTCAGGGTCAGCTATGGCAGGTACTGAGCCGAGATATCA
GGAGTAAGATTGATGCTGTTCTTCGAGGTGGCGTTTTTCGATATGATTTACTCTCATCCTATAAAGAGGA
GCTCCTGGAACAGCAACAAGAGAACGTAAAGATGGGAGTCCTGAAGAATCTCCTCACTCCGATGGACACT
GTGATTACGAGACTGGTGGAGCCTGACTATGTCAAATCAGACCTGCATGCTTTGGTTGTGGCCAGCTCAG
TATCCTTGTTGTACAGACTCTTTCTGGACTCATACCTTAAGGAAGAAAACCAGTTTCTCTGCTTTCAGGT
TCTCCCCAGGTTGTTTGGCTGCTTGCAAATTTCACACCTGCAGGAGGGACAGATGGAAGCCCTGTCCCTC
TCAGATTGGACCACAGAGCTTCTGGCTGTAGAGCAACTACTAAACTTAGTGGCCACCAGTAACATCTACA
ATGTAGCTGCTGACAGGATTCGGCATGGGGAGACACAGTTCCACTTCTACCGCCGTGTGGCTGAGCTGCT
GATCAACCATTCACAAGCATCTGTGCCAGCTTGGTTTCGCTGCCTCAAGATTCTGATGTCTCTAAATCAT
TTGATTTTAGAGCCAGACCTGGATGACCTGTTGTCTTCGGCTTGGATAGATGCAGAAGTAACAGAATTTC
GAGCCAAAAAAGCCCAGGAGGTACTTATTAACACTGTCTTCCAGACGTATGCCAAGCTCCGACAGATGCC
ACAGTTGTTTCAGGAGCTTTTAGAGGTGATCTGCCGTCCAGCTGCTGAGGCACTTCGACAGCCTTTGCTT

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GCCTCAGGCCTCTCTATGGCTCTCTGTGCTTGTTTTTTGGAGCTGCCACTGAGTCAGATCCTGGATACAT
GGTCCCTTGTACTGGATAAGTTCCAGTCTTTAGTCATGCCCTGTTTGCAGAGTGATACTGATATGGCTTT
TAAGGCAATGTCACTTAGCTCTCTGCTACACTGCATCATGTTCAACATGCAGAGTCTGGACAATAACATG
CCTCTGCCCATCATCAGACGGACACAGTGCATGATGGAGAGGATGCTGAGAGAGCTTGTGAAGCCCCTTT
TGGGCCTTCTCCTGGACCTCTGGAGCCCAGAGCCTGAGCCGTGGCAGCAGAAGGTGAGTGACTCTGCACT
CTTACTCTCTTACACCTGGGCTCAGGTGGACACTACCCTGAGTTTGCACTGCAGCCAGTATTATTCTCTG
GCAGTCTCCCTAGCCAGGGCTGCACTGGACAGCTCAAACCTCCCTTTGTTGCTACCAGGTGTGGAAACAG
AGCTTTGGAAGAAGGTGGAAAAGTGTATAGCCCAGTCCAGGTCTCTCAGTAGGTACTGCTTAGAACAGCT
GTACCTTCAGAAGGTGAAAAGGACTTTAATTCGGACTAGTTCCCAGTCCAAAGAAGCCCTTCAAACCTTG
AGGTTTGACACTGCCCACATTCTTGATTCTAGCAGAGACTGTTTAAGTCAGAAGACAGTAACTGCCTGGG
ATAGGCAGGTGTCGACGATGAATGAGTCCTTGTATCCTGTAGCACACTGGCACTTGATTGTATCAAACCT
TACAGTTTTAATACCATATCTTTGTTTGAATGATGTGAGATATGTGGCCACTGTCTTGTTAAGAACTTTA
CCAACAAGTAAAGCCCAGGGAAGCTTGGCACCTGGTGAGTCATATGTCACACTTGAGAAAATATCCACAG
CCCTCCTTCACAGCCCTCTCTTTCCAGAGATGCAGTCCCTCTATTCTGCCTTCCTGACTTGCATCATTGC
AAAATGTTCTAACATTCTGTGCTCTGGTGCGCATAATGATCTGAGTCTTAGTCAGCAGCTCCCCTGGCTT
TTTGGAAAGGACTACCACACACTTGTGGCTCACTGGGAAACCAGATTGGCCAAAGTTGGATCTGAAGGTG
TAGAACCAAGAGGAGAAATTGCCCAGAATTTTCTATCCATGGTCAAGAGTGGTTTTCCAATCAAGCTGCA
TGAAGATCAACTGAAAGACCTCCTGGAGCTCTTCGATGTCATCTCTGCCCTCCACCTGGACAGCCTCTGG
CCATCTTACCACGTGCATTTGTTTTTCCTGCTGTTCTCCATGGCCGTCTCCACATTAGGGCATTGCTCTT
GCCCCCTAGCCCTCCAGTTCTTGGTGAAGTGCTACCAGCTCCTCAGTGGCCTGCAGAGAGGAAGGAACGC
CCGCTCCGTATTCAGGGTCATGTACGTTAGTGACATCTTTGAGGTGGTGCTGACTTCACTGTTGCAAGCC
AGTGCAGAGTTTCAAGTTAGGGAGGATGACCCTGCTTGGCTGCAGCTTCTTCAAGTGTCAGGGGTGTTCT
TGGAACAGCTCATGCAAATGCTTATCCAAGCAAAGCTGAGCTTGGTGCTCAATTTTGGGAAAATCACTGC
CTTTCTCTCCAAGTACAGTAAGGGAGCTTCCAGCAAAGAATTGAATATCCAGAACCTTCGGAGCAGGCAA
CTGCTTCTGGTGGCTCTAACCAAATTGTGTCAAAGTTTGGGGCCTTGTGTTAAGGAGCGGAGGCAGCTAT
TGGAGGCCCCAGCAGCACTCCCTGAGCTGCTGCAGCAGGCCATGATGCAGATGGGGGCCATGCTGCAGCT
CTGCTTAGTGCCTGGGACTACAGGCTGCCGCCGCCGCCTGCCTTCAGTTCTCCTCTCAGCTGTCCCTACA
CTTTTAGAAGTAGACCTGAGCCAGCACCTCAGGGAAGGACAGCCCAAAATTGCTCAAGTGGTGGATACCG
ACAGAGCACTGCTTTCTCATGTGACACTTTACCAGGATGTCTACACTCAGTTGCTGGAGGAGTTGCCAGC
CCTGTCGGGGAATACTCAGTCTTTCCAGGCGGCGTTGCGATTTCTAACCTTGTTCCTTTTGGCCCCAGAG
TTCCATTCCAAGGAGAGCTCTGTTTTTGCTTCCATATTTTATTCTGTGCAGAAAGTTCTTACAGGTCCAT
GCATACCTGCTCCAGTCACTCAGGATACTGAGCCTCATCTGGGAGCCCTGCTCACCCAAATGTTTAAGGC
TGAGACAACAGAGCACTTTGGGATGGTACTGCAGTCTATTCTTCAGGGGCTGGATGTCACTCAGGCATGG
AGGTCGGATCTACAGGTTGTTTTGTGTGCCATTAGACTACTCAACCTGCTGCTCAAATGTCCACTCAGTG
GAGAAAAGGCGAGTTTGCTATGGCGTTCTTGCCCCCAGATAGTGACGGCTCTGATGCTGCAACACCGAGA
GGCCTGCCAGGAGCAGCCTGTGGCCCTAGTAGTGGTTGAGCCTATTCTTGAAGTGTTGGCTGTTCTGCTT
CGGAAAGGGGAGGAGAGCATCAGCAACCCTCACCATGTCAACCTGGCCTTTAACATCTTGCTCACAGTCC
CTCTTGAGCACCTGAAGCCACGGGAGTTTGGCAGTGTCTTCCTGAAGACGCACAATGTGCTCTTCTCCAT
CTTGCAGTGCCACTCTAAGGTGATGCTGAAGGCCATTCCGTCTTTCTTGAACTCCTTTAATAGACTGTTG
CTTTCAGTGCTGCATGAAGGACGGCAGAAAGACCAAGGGAGCATGGATGACCTGCCAGTGGTCCTTGAAT
GCGCACGCCTGGTGGAGAGGATGTATAGCCACATTGCTACTCGAGCTGAGGAGTTCACCACGTTCTCCCC
ATTCCTGGTGGCCCAGTATGTGACAGAGGTACAGAAGGTAACCTTGTACCCACCTGTGAAGAACCTACTT
CAGGAAGGAATTTATCTCATCTTGGATCTCTGCATGGAGCGGGATATCCAGTTTCTACGGGCTTCACTAC
AGTCTGGAGCCCGAGATGTCTTTAAGGACCTGCACAGTGACTACCTCAAGTACCACAAGGCCAAGCATGA
GGGAGAGAAGAGATATACGGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001135708

Insert Size:	4575 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_001135708.1, NP_001129180.1
RefSeq Size:	5805 bp
RefSeq ORF:	4575 bp
Locus ID:	292087
Cytogenetics:	19q12