

## Product datasheet for MC224650

### Urb2 (NM\_001029876) Mouse Untagged Clone

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Urb2 (NM_001029876) Mouse Untagged Clone                                           |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Urb2                                                                               |
| Synonyms:                 | C77575; mKIAA0133                                                                  |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >MC224650 representing NM_001029876<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGCTGTTTATTCTGGTATTTCTTTAACTTAAAGCAAGACAACCTTCTGGGAAGATAAACTAA  
AATTAGCTCACTTTGCTTGGATTTCCCATCAGTGCTTTCTACCAATAAAGAACAAGTTTACTTGATTG  
GGCAAGGCAGTCATTGGTTGCATTTTAAAGAAAAGCTTGAAGTGCAGGAAGATATTGTTGAAAGGCTC  
TGGATCTATGTAGATAACATTCTACATAGTAAGAAATTGCAGAACCTCCTTAAGGATGGGAAGACTGTAA  
ATCTCCAGCTCTCCCTTGTCAAGATCATAAATGAGAGAATAGAAGAGTTCTCACGTTGAGGATGCCAGAG  
GAATATCTGTGCCGTCTGAGTTGCTGCCAGGGCATCCTCTCAGCACCTGCCCTTGTCTGTCATCTATACA  
GCCAAACCAGAGCTCATTGTGGCTTTGCTGAGCCAGCTCTGCTGGTCGGCCTGCAGACAGCCAGAAGGAG  
CCACGACAGCCAAGCTGTTTGAAGTCATTATCTGGCTCTTGACCATACCTCAGACTTCAGCAACAACA  
AGCCAACCCTAAGCGTGTCTTTGGAGATATGACTGGACACCTCTTTCAGCCCTGCCTAGTCTGAGACAC  
TTGCTTTTGGGGGACGTCAGTGGACCAAGCTAGTCAGGGTCAGCTATGGCAGGTAAGTGCAGAGATATCA  
GGAGCAAGATTGACGCTGTTCTTCGAGCTGGTGTTCGACACGATTTACTTTTCATCTACAAAGAGGA  
GCTCTTGGAGCAGCACCAAGAGAGTGTGAGGATGGGGTCTGAAGGGTCTTCTCACTCCAATGGAAGCT  
GTGATTGCAAGACTGGTAGAGCTGGCTATGTCAGATCAGACCTCCATGCTTTGGTTGTGGCCAGCTCAG  
TGCCCTTGTGTTTAGACTCTTTCTGGAAGCATACCTTCAGGAAGAAAGCCAGTTTCTCTGTTTTCAGGT  
TCTCCCCAGGTTGTTTGGCTGCTTGAGATTTACACCTGCAGGAGGGGAGATAGAAGCCCTGTCCCTA  
TCAGATTGGACTACAGAGCTTCTGGCTATAGAGCAACTGTAACTCAGTGGCCACCAGTAACATCTACA  
ATGTGGCTACTGACAGGATTCGGCATGCAGAGACACAGTTTCACTTCTACCGCGGTGGCTGAGGTGCT  
GATCAACCATTACAAGCATCTGTGCCAGCTTGGTTTCGCTGCCTCAAGATTTTGATCTCTCTGAATCAT  
TTGATTTTAGAGCCAGACCTGGATGACCTGTTGTCTTCGCTTGGATTGATGCGGAAGTAACAGAATTTT  
GAGCCAAAAGGCCAGGAGTACTTATCAACTGTCTTCCAGAGCTACGCCAACTCCGACAGGTGCC  
ACGGTTGTTTGAAGAGTTTGGGGTGATCTGCCGCCAGCTGCTGAGGCACTGCGGCAGCCTTTGCTT



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GCCTCAGGCCTCTCTGTGGCTCTCAGTGCATGTCTTTGGAGCTGCCACTGAGTCAGATCCTGGATTCAT  
GGTCCCTTGCTAGATAAGTTCAGTCTTTAGTTATGCCCTGTTTGAGAGTGATACTGACATGGCTTT  
AAAGGCAATGTCAGTCTCTGCTGCACTGCATCATGTTCAACATGCAGAGTCTGGACAATAACATG  
CCTCTGCCCATCATAAGACGGACACAGTGCATAATGGAGAGGATGCTGAGAGAGCTTGTGGGGCCCTTT  
TGGGCTTCTCTGGACCTCTGGAGTCCAGAGCCTGAGCTGTGGCAGCAGAAGGTGTGTGACTCTGCACT  
CTTACTCTCTTACACCTGGGCTCAGGTGGACGCTACCATCAGTTTGCAGTGCAGCCAGTATTATTCTCTG  
GGGATCTCCCTAGCCAGAGCTGCTCTGGATAGTTCAAACCTCCCTTTGTTGCTACCAGGTGTAGAAATGG  
AGTTTTGGAAGAAGGTGGAAGAGTGTAGGCCAGTCCAGGTCTCTCAGTAGGTACTGCTTAGAACAGCT  
GTATCTTCAGAAGGTGAAAAGGACTTTAATGCGGAGTAATTACAAATCCAAAGAAGCCCTTCAAACCTTG  
AGGTTTGACACTGCTCACATTCTTGATTCTAGCAGAGACTGTTTAAGTCAGAAGACAGCAGCTGCCTGGG  
ATAGGCAGGTGTCGACAATGAATGAGTCCATATATCCTGTAGCACACTGGCACTTGATTGTATCAAACCT  
CACAGTTTTAATACCCTACCTTTGTTTGAATGATGTGAGATATGTGGCCACTGTCTTGTTAAGAAGTTTA  
CCAGCAAGTAAAGCCAGGGAAGCTTGGCACATGGTGAGCCACATGTCACTTGAGAAAATATCCACAG  
CCCTCCTTCACAGCCCTCTCTTCCAGAGATGCAGTCCCTCTACTCTGCCTTCTGACGTGTATCATTGC  
AGAATGTTCCAGCACTCTGTGCTCTGGAGCTCATAGTGACCTGAGTCTTGTTAGTCAGCAGCTCCCTGG  
CTTTCTGGAAGGACGACCACACAATCGTGGCTCACTGGGAAACCAGATTGGCAAAAGTTGGACCTGAAG  
GTGTAGAACAAGAGGAGAAAATTGCCAGAAATTTCTATCCATGGTCAAGAGTGGTTTTCCAATCAAGCT  
GGATGAAGAACAGCTAAAAGGCCTCCTGGAGCTCTTAGAAGTCATCTCTGCCCTTCGCTGGACAGCCTC  
TCGCCATCTTACCACGTGCATATGTTTTCTGCTATTCTCCATGGCTGTCTCCACATTAGGGCATTGCT  
CTTGCCCACTAGCCCTCCAGTCTTGGTGAAGTGTACCGGCTCCTCAGTAGTCTGCAGAGAGGAAAAGAA  
TGGCCGCACTGTATTAGGGTTATGTACGTTAGTGACATCTTTGAGGTTGTGCTGACCTCACTGTTGCAA  
GCCAGTGCCGAGTTTCAAGTTAGGGAGGATGACCTGCTGGCTGCAGCTTCTTCAAGGTGCAGGGGTGT  
TCTTAGAGCAGCTGATGCAGATGCTTACCAAGTCAAGCTGAGCTTGGTGCTCAACTTCGGGAAAATCAC  
TGCCCTTCTCTCAAGGTACAGGAAGGAAGCTTCTGCAAGAGGGGAAAATCCCGAACCTTCGGAGCAGG  
CAACTGCTTCTGGTGGCTCTAACCAAGTTGTGTACAGATTTGGGCTTGTGTTAAGGAGCGGAGGCAGC  
TACTGGAGGCCCCAGCAGAGCTAGCTGAATTGCTACAGCAGGCCATGATGCAGATGGGCACCATGCTGAA  
GCTTTGCTAGTGTCCGGGACTACAGGCCGCGCGCCTGCCTTCACTACTCCTCGCTGTGTCCCCACA  
CTTTTAGAAGTAGACATGAGCCAGCACCTCAGGGACGGACAGCCAAAATTGCTCAAGTGGTGGATACAG  
ACAAAACACTGCTTTCTCATGGGACACTTACCAGGATGTCTACACGCAGTTGCTGGAGGAGTTGCCAGC  
CCTGTCCGGGAATGCTCAGTCTTCCAGGCAGCATTGCAATTTCTAACCTTGTCTTTTGGCCCCAGAG  
CTCCATTCCAAGGAGACCTCTGTTTTGCTTCCGTCTTTTATTCTGTGCAGAAAGTTCTTACAGGTCCAT  
GCATACCTGCTCCAGTCACTCAGGATACTGAACCTTCACTTGGGAGCCCTGCTCAGCCAGATGTTTGAAGC  
TGGGACAACAGAGCACTTTGGGATGGTACTGCAGTCTATTCTTCAAGGGGCTGGACGTCACTCAGGCATGG  
AGGTGAGATCTACAGGTTGTTTTGTGTGCCATTAGACTACTCAAAGTGTACTCAATGTCCACTCAACG  
GAGAAAAGGCAAGTTTGTGTGGCGTTCGTGTCCCAGATCATCACGGCTCTAATGCTGCAACACCGAGA  
GGCCTGCCGGGAGCAGCCTGTGGCCCTAGCAGTGATTGAGCCTGTTCTTGAAGTTCTGGCCGTCTGTCTC  
CGGAAAGGGGAGGAGCATTAGCAACCCTCACCATGTCAGCCTGGCCTTCAACATCCTGCTCACAGTCC  
CTCTGGAGCACCTGCAGCCTCGGGAGTTTGGCAGCGTCTTCTGAAGATGCACAGTGTGCTCTTCTCCAT  
CTTGCACTGCCACTCCAAGGTGATGCTGAAGGCCGTTCCATCTTCTTGAAGTCTTCAATAGACTGTTG  
GTTTCAGTTATGCATGAAGGACGGCAGAAAGACAAAGGGAGTGTGGATGACCTGACAGTGGTCTTGAGT  
CTGCACGCTGTTGGAGAGGATGTATAGCCACCTTGTACTCGAGCTGAGGAGTTACCGCGTTCTCCCC  
GTTCTGGTGGCCAGTATGTGACAGAGGTCCAGAAGGTAACCTTGTACCCACCTGTGAAGAACCTGCTT  
CAGGAGGGGATTTATCTCATCTTGGATCTTTCATGGAGCGGGATATCCAGTTTCTTGGGCTCACTAC  
AGGCTGGAGCGCAGATGTCTTTAAGGATCTGCACAGCGACTACCTCAAGTACCACAAGGCCAAGCATGA  
AGGAGAGAAAAGATATACGGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM\_001029876

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| Note:                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq:                | <u>NM_001029876.1</u> , <u>NP_001025047.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq Size:           | 5773 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RefSeq ORF:            | 4575 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Locus ID:              | 382038                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cytogenetics:          | 8 E2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |