

## Product datasheet for **MC203411**

### Ankrd13d (NM\_026720) Mouse Untagged Clone

#### Product data:

|                           |                                           |
|---------------------------|-------------------------------------------|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | Ankrd13d (NM_026720) Mouse Untagged Clone |
| Tag:                      | Tag Free                                  |
| Symbol:                   | Ankrd13d                                  |
| Synonyms:                 | 0710001P18Rik; AI430801                   |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



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| <b>Fully Sequenced ORF:</b> | <p>&gt;BC058982</p> <p>CGGAGGAGCAGGGGACGTGCCAGGCGCAGGCCAAGAAGGGCTGGGCCTTTCCCTCGGGATGCGGTGCTGA<br/> AGCCCAGCATGGCCGGCCTGGGCCCCACCTTCCCGCTGCACCGGCTAGTTTGGGCGAACCGGCACCGCGA<br/> ACTGGAGGCCGCACTGCACAGCCGAAGCACGACATTGAGCAGGAGGACCCCAAGGGCGAACCCCTG<br/> GAGCTTGCTGTGACCTTGGGGAAGTTGGAGTCTGTGAGAGTCTCCTCCGACATAATGCCAACGTGGGCA<br/> AAGAGAGCCACCAGGGCTGGGCAGTCTGCAGGAGGCAGTCAGCACTGGAGACCCTGAGATGGTACAGTT<br/> GGTACTCCAGTATCGGGACTTCCAGAGGGCCACACAGAGGTTGGCTGGCATTCCAGAACTGCTCAACAAA<br/> CTCCGTCAGGCCCTGATTTCTACGTGGAAATGAAATGGGAGTTCACTAGCTGGGTACCTCTTGTGTCCA<br/> AGATGTGCCCAGCGATGTGTACCGTGTGTGGAAGCGGGTGAGAGTCTGCGGGTGGACACTAGTCTCTT<br/> GGGCTTTGAGCACATGACCTGGCAGCGTGGCCGAAGGAGCTTCATCTTCAGGGGTGAGGAGCGGGAGCC<br/> TTGGTGATGGAAGTGATCATGACCGGCAGGTGGTGCACACAGAGACCCTAGCTCCAGCTCTGCATGAAC<br/> CAGAAGCGCTGCTGGCTGCCATGCGGCCTAGTGAGGAGCACGTGGCCAGTCGGCTCACCTCTCTATTGT<br/> CTCCACCCACCTGGACACTCGCAATGTAGCCTTTGAGAGGAACAAATGTGGTATCTGGGGATGGCGGTCT<br/> GAGAAGATGGAGTCTGTTAGTGGCTACGAGGCAAAGGTGTACAGTGCCACCAATGTGGAGCTGGTACAC<br/> GCACAAGAACAGAACACCTCTCTGACCAGGACAAGTTAAGGAACAAAGGGGGGAAGACTCCATTCCAGTC<br/> CTTCTGGGCATGGCCCAGCAGCACTCCTCCACACTTTGGCTCCCGTGCAGCAGGCAGCCAGCCCCACC<br/> AACCCTACAGCTATCTCTGCTGAGGAATACTTTGACCCAGCTTCAGCCTGGAATCCAGAAACATTGGCC<br/> GCCCCATTGAGATGTCTAGCAAAGTGACAGAGTTCAAGGCAACACTGTGGCTAAGTGAGGAGCACCCACT<br/> GTCCTTGGGTGACCAGGTGACACCCATCATTGACCTGATGGCCATCAGCAACGCTCATTTTGCCAAGCTA<br/> CGGGATTTCACTCTGCGTCTCCACAGGCTTCCCTGTCAAGATTGAGATTCCTCTTCCATGTGC<br/> TCAATGCCCGCATCACCTTCAGTAACCTTTGCGGCTGTGATGAGCCTGTGAGCTCGGTGTGCGTCCCCAA<br/> CTCCAGTTCTGCCATTTCTGCTTCAGGAAGCCCTTTCCATGTGAGGTGGACCCCACTGTATTCGAGGTG<br/> CCCCGAGGATACAGTGTGCTGGTGCTGAGCGCAGCGAGCCCTTCGGGATGAGGATGACGACCTGCTGC<br/> AGTTTGCCATCCAGCAGAGCCTGCTTGAGGCAGGCACAGAGGCAGAGCAGGTGACGGTGTGGGAAGCCCT<br/> GACCAACACACGGCCTGGCATTACCCCTCCTCCCCGAGTCACAGTGTGTTGAAGAGCAGCTTCAGTTGGAG<br/> CAGGCCCTGCAGGAAAGCCTACAGCTGTCCACAGAGTCCAGGGGTCCAGAATCTCCTCAGAAGACACCTC<br/> CATCCCCTGACCCCCAAGCTTTGAGGAGCAGCTTCGCCTGGCCCTGGAGTTGTCTTCAAGGGAACAGGA<br/> GGAGTTGGAGCGACGGGTGTCAGCAGGAAGAAGACGACTTACAGCGGATCTGCAGCTGTCACTCACAGAG<br/> CACTGAGTTGCCTGGCCTTGGGACGGCTCCCCAGGGCCATGCCTTCTGCCTGGTTTTGTAATTTATTTAT<br/> TTATAAACTGTCTGCTGCTGAGCTTGGGACCTGGGCACTGAAGATAGGCTAGCAGTGAGACTGAGGTGGA<br/> AATAAAGAGACCATCAGCAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</p> |
| <b>Restriction Sites:</b>   | Ascl-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>                | NM_026720                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Insert Size:</b>         | 1557 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>OTI Disclaimer:</b>      | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Components:</b>          | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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| <b>Reconstitution Method:</b> | <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> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u><a href="#">BC058982</a></u> , <u><a href="#">AAH58982</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>           | 2113 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1557 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 68423                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">Q6PD24</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 19 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Summary:</b>          | Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Does not bind 'Lys-48'-linked ubiquitin. Positively regulates the internalization of ligand-activated EGFR by binding to the Ub moiety of ubiquitinated EGFR at the cell membrane (By similarity). [UniProtKB/Swiss-Prot Function]                                                                                                                                                                                          |