

## Product datasheet for **MC200992**

### **Kptn (NM\_133727) Mouse Untagged Clone**

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | Expression Plasmids                   |
| Product Name:             | Kptn (NM_133727) Mouse Untagged Clone |
| Tag:                      | Tag Free                              |
| Symbol:                   | Kptn                                  |
| Synonyms:                 | 2E4; 2310042D10Rik; C030013F01Rik     |
| Mammalian Cell Selection: | Neomycin                              |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                  |
| Fully Sequenced ORF:      | >BC018316 sequence for NM_133727      |

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TGACAGGTTGGGAGCATCAGGCCATCTGGGACCGATCGCGGAGGGCCAGGATGGGGGAGGCGGCCGTGG
CAGAGGGACCTTGTCCACTGCTGGAGGACAGCTTACGCGCTTCTCGTCGCAAAGCAACGTGTACGGGCT
TGCTGGAGGCGCGGACGGGCGAGGGGAGTTGCTGGCCGCCACTCTTAAAGGCAAGGTGCTCGGCTTCCGC
TATCAAGACCTCCGACAGAAAATCCGGCCTGTGGCTAAAGAGCTGCAATTCAACTACATTCCTGGATG
CTGAGATCGTCTCCATCGACACTTTCAACAAGTCACCCCAAAACGGGGCCTGGTGTGGGCATCACTTT
TATAAAGGACTCAGGAGACAAGGGCAGTCCGTTTCTTAACATTTACTGTGACTATGAGCCTGGCTCAGAG
TACAACCTGGACTCTATTGCAGAGAGCTGCCTGAATTTGGAACCTCAGTTCACACCTTTCCAGCTGTGCC
ACGCAGAAGTCCAGGTTGGGGACCAACTGGAGACGGTGTCTGCTGAGTGGGAACGATCCAGCTATTCA
TCTCTACAAGGAGAATGAGGGACTACATCAGTTTGAGGAGCAGCCGTGGAACCTCTTCCAGAGCTC
ACGAACCTGACCAGTAGTGTCTTTGGCTTGATGTCCACAACCTCCCTGGCTCATCCAGCGGCTCTCGG
CTCTCGGCTGCCAGAGTGGTTATGTGCGTGTGGCTCACGTGGACCAGAAGAATCAAGAGATCTTGCAGAC
ATGGACAATCCAGCAGGATGGGCCATCTCCCGAGTGATTGTGTTAGCCTGTGACGCTCGGAGGCAACA
CAGGACAGCCCCAGCAGGAAGGATACAGTCTGCTTGTGGCCAGCATGCTGGAGCCAGCTGTGGTGTACT
GGGATCTTCTGAACAAGGGTCTGGATGACCAACTTCTCCTGCCTGGCAGTGACAGTTTGACAGCGTCTCT
CTGTGGCCTGGTCACTGACGTGGACCTAGATGGACAACCTGGAAGTCTGGTGGCCACCTATGGACAGGAG
CTGCTCTGCTATAAGTATCGTGGACTGCCAGAGGACAGCAGAGGCTTCCGCCTGCTGTGGCGCAGGAGCT
TCGCCAGCCCCCTGCTGGCCATGGCCATGTGGACCTGACTGGAGATGGCCTGCGGGAGCTGGCCGTGAT
ATCCCTGAAAGGGTGCACATCCTCCAGCACAGCCTGATCCAGGCCTCTGAACCTGGTCTTGACACGGCTT
CGTCTCAAGTGGAGCAGAGGAACATCAGCAGGGCCTTGGGGACAGAGTTGGGCCAGGCCTGTGGAAC
ACCCAGCCTCCTGAGCACTCCATCTTTTCAAGTGTGGGCACCTCGTATCTATCATTGTTGATGGGGAGCG
AAGCATCTTAGAAGAGGAGTGTGCCCTTGGACTCCCTCAGAAGGGGAATTCTAAGAGTCCCTGACCCAC
CCTGCTGTGTTGTGTGACCCTAGCTGATAACTCCTGTCTGAGCCATTTGAAAAGGATGTTTTCAGCCAA
CCTCTGCTCCCATCAGGTGTTGGTCCCTGAGGACCATTACACATTACAGAGCAACAAAGCTGTCTGGCT
GTCTTAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_133727                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Insert Size:</b>           | 1293 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).                                                                                                                                                                                                                                                                                                                                    |
| <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>BC018316, AAH18316</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>           | 1639 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1293 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 70394                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cytogenetics:</b>          | 7 8.75 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |