

Product datasheet for **MC202275**

Kif1bp (NM_028197) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif1bp (NM_028197) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif1bp
Synonyms:	0710007C18Rik; 2510003E04Rik; KBP; mKIAA1279
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC055307 sequence for NM_028197
 ACGGACGGGGAGGCGGCCGTACAGCTCAGGCCGCGATGGCGAACGCTCCGGGGCCAGAGATCCGCGAGAAG
 TTCCAGGCAGCGCTGGCCCTGTCGCGGGTGGAGCTGCACAAGAACCCGGAGAAGGAGCCGTACAAGTCCA
 AGTACGGCGCGCGCGCTGTTGGAGGAGGTGCGCGCGCTGCTGGGCCCGGCGCCGAGGACGAGGACGA
 GCCGGCTGCTGACGATGGGCCGGGCGACCAGGCCCTTGGGCGCGGTGAGCCCCGGGAGGCTGAGGGCCCC
 GGAGCGCAGCGGGCGCTGCGCCTCGCGGTGTCGAGTTCACCTTGGTGTGAACCACATCGACACGGAGG
 AACTGTCTGCCGCGAGGAGCATCTGGTCAGTGCCTGTCGTTGCTGCGCCCTACCGCCTGTCGCTCGG
 CTGTGTCTCTCTACATCCAGGCGCAGAATAACCTGGGCATCCTGTGGTCTGAAAGGGAAGAGATCGAA
 ACCGCCCGGACCTACCTGGAGTCATCGGAAGCCCTGTACAGTCAGTACATGAAAGAGATTGGGAGCCCGC
 CTCTTGACCCGACTGAGCATTTTCTTCTGAAGAAGAGAAACTTACTGAACAAGAGAGATCAAAAAGATT
 TGAGAAGGTTTATACTCATAACCTGTATTACCTGGCTCAAGTCTACCAGCACATGGAAATGTTTCGAGAAG
 GCCGCTCATTATTGCCACAGCACACTGAAACGCCAGCTTGAACACAATGCCTACCACCCCATGGAGTGGG
 CCATCAACGCCGCTACTCTATCACAGTTCTACATCAATAAGCTCTGTTTTATGGAAGCCAGACATTGTCT
 GTCAGCTGCTAATGTTATTTTTGGTCAAACCTGGAAAAATACCAGCTACAGAAGACACTCCTGAAGTTGAA
 GGAGACGTGCCAGAGCTTACCATCAGAGGAAAGGGAAATAGCAAGATGCTGGATCAAGTACTGCCTGA
 CTCTGATGCAAAAACGCGCAGCTCCTCATCAGGACAACATAGGAGAGCTTGACCTGGACAAGCAGTCGGA
 GCTCAGAGCTCTACGCAAGAAGGAGCTAGATGAGGAGGAGAGCGTCAGGAAAAGGGCTGTGCAGTTTGA
 ACTGGGGAGCTGTGCGACGCCATCTCTGCAGTGGAGGAGAAAAGTGAAGTACTTGGAGCCCTTAGATTTTG
 AAGAAGCCAGGGAGCTTTTCTGCTGGGTGAGCACTATGTGTGTGAGGCAAAAGGAGTTCTTCCAGATCGA
 TGGGTATGTCAGTACCACATTGAAGTTGTCCAGGACCACAGCGCTCTGTTCAAGGTGCTCTCGTTCTTT
 GAGGCTGACATGGAGAGACGGTGAAGATGCACAAGCGCAGGATAGCCATGCTAGAGCCCTGACTGTGG
 ACCTGAACCCACAGTACTACCTGTTGGTCAGCAGGAGATTGAGTTTGAATCGCACACGCGTACTATGA
 CATGATGGACTTGAAGGTCGCCATTGCTGACAAGCTCAGGGACCCCGACTCACACATTGTCAAAAAATA
 AATAGCCTGAATAAGTCGGCACTCAAGCACTACCAGCTCTTCTAGACTCCCTGAGAGACCCAAACAAG
 TCTTTCTGAGCACATCGGGGAAGACGTCTCCGCCCGCCATGTTAGCTAAATTCGGGTAGCTCGTCT
 GTATGGCAAAATCATCACTGCAGATCCCAAGAAAGAGCTAGAGAATTTGGCAACATCTTTGGAACATTAC
 AAATTTATTGTTGATTACTGTGAAACTCACCCGAGGCTGCCAGGAAATAGAGGTTGAGTTAGAATTA
 GTAAAGAGATGGTCAGTCTCTCCCAACAAAAATGGAGAGGTTGAGGCAAGATGGCCCTGACCTAAGC
 CTTGGTCAAAGGAAAGAGACGTGCAGCTTGAAGCCACTCCCTCCCTATAGCAATGAGGCCAGCCCC
 ACAGTCACCTTCGCCAGGGCCAGAGGGATGCAGCTCTGGGCTCCAGAAGCAGGCAGGTACCCGAGTCTATG
 CTAGGACCTTAAGCACCATAAATAAATTTTATACCTAATTATGTAAGTTGCCTTGCTAAAGTGACAGG
 TGTTTTGCATTTTCGATCGCTTGTTCCTGTTTAAAGTATAAACATCTCCTGCCTAGAGTTCTAAATGTT
 AAGTCCTTGCTGACAGTACTTGTAGATTTCACTAGGAACAACACTGGGTAGTGTACCTGGTAGAAGA
 GCCTGTTGCTGTGTTGAATGTGAGAAAGTCACTTCAGATGTCAATCTTTGTAAAATACTTACTTTCTTAA
 ACTCCAAATAAATCTTTCCCTTTGAAAACTAAAACTAATAATGTTGTAATAATGGCTTAATTATAG
 GACTGAAGAACTGCACATAATAAATTTACTTGTTCAACTAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_028197
- Insert Size:** 1854 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: [BC055307](#), [AAH55307](#)

RefSeq Size: 2489 bp

RefSeq ORF: 1854 bp

Locus ID: 72320

UniProt ID: [Q6ZPU9](#)

Cytogenetics: 10 B4

Gene Summary: Required for neuronal development and differentiation. Required for organization of axonal microtubules, and axonal outgrowth and maintenance during peripheral and central nervous system development.[UniProtKB/Swiss-Prot Function]