

## Product datasheet for **MR207205**

### **Tuba1b (NM\_011654) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tuba1b (NM_011654) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tuba1b
Synonyms:	Tuba2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207205 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCGTGAGTGCATCTCCATCCACGTTGGCCAGGCTGGTTCAGATCGGCAATGCCTGCTGGGAGCTCT  
 ACTGCCTGGAACATGGCATCCAGCCTGATGGCCAGATGCCAAGTGACAAGACCATTGGGGGAGGAGATGA  
 CTCTTCAACACCTTCTTCAGTGAGACAGGAGCTGGCAAGCATGTGCCCCGGGCAGTGTTTCGTAGACCTG  
 GAACCCACGGTCAATCGATGAAGTTCGCACCGGCACCTACCGCCAGCTCTTCCATCCTGAGCAGCTCATCA  
 CAGGCAAGGAGGATGCTGCCAATAACTATGCCCGTGGCCACTACACCATTGGCAAGGAGATCATTGACCT  
 TGTCTGGACAGGATTCGCAAGCTGGCTGACCAGTGCACAGGTCTCCAGGGCTTCTTGGTTTTCCACAGC  
 TTTGGTGGGGAACTGGCTCTGGCTTACCTCCCTGCTGATGGAGCGGCTCTCTGTGGATTACGAAAGA  
 AGTCCAAGCTGGAGTTCTCCATTACCCAGCCCCCAGGTTTCCACTGCTGTGGTTGAGCCCTACAATTC  
 CATCTCACCCACACCACCCTGGAGCACTCTGATTGTGCCTTCATGGTAGACAATGAGGCCATCTAT  
 GACATCTGTCGTAGAAACCTCGACATTGAGCGCCAACCTACACCAACCTTAACCGCCTTATTAGCCAGA  
 TTGTGTCTTCCATCACTGCTTCCCTCAGATTTGATGGGGCCCTGAATGTTGATCTGACAGAATCCAGAC  
 CAACCTGGTACCCTACCCTCGCATCCACTTCCCTCTGGCCACTTATGCCCTGTCATCTCTGCTGAGAAA  
 GCCTACCATGAGCAGCTTCTGTAGCAGAGATCAACATGCCTGCTTTGAGCCAGCCAACCATGAGTGA  
 AATGTGACCCTCGCCATGGTAAATACATGGCTTGTGCTGCTATACCGTGGTGTGTTCCCAAAGA  
 TGTCAATGCTGCCATTGCCACCAAGACCAAGCGCAGCATCCAGTTTGTAGACTGGTCCCCACTGGC  
 TTCAAGTTGGCATTAAATACCAGCCTCCACTGTGGTACCCGGTGGTACCTGGCCAAGGTGCAGAGAG  
 CTGTGTGCATGCTGAGCAACACCACAGCCATTGCTGAGGCTGGGCTCGCCTAGATCACAAGTTTGATG  
 GATGATGCCAAGCGTGCCTTTGTGCACTGGTATGTGGGTGAGGCATGGAGGAGGGTGGTTCTCTGAG  
 GCCCGTGAAGGACATGGCTGCCCTAGAGAAGGATTATGAGGAGGTTGGTGTGGATTCTGTGAAGCGGAGG  
 GGGAGGAAGAAGGAGAGGAGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207205 protein sequence  
 Red=Cloning site Green=Tags(s)

MRECISIHVQAGVQIGNACWELYLEHGIQPDGQMPQSDKTIGGGDDSFNTFFSETGAGKHVPRAVFVDL  
 EPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEIDLVLDRIRKLADQCTGLQGLVFHS  
 FGGGTGSGFTSLLMERLSVDYGGKSKLEFSIYPAPQVSTAVVEPYNSILTTHTTLEHSDCAFMDNEAIY  
 DICRRNLDIERPTYTNLNRLLISQIVSSITASLRFDGALNVDLTFQTNLVPYPRIFPLATYAPVISA  
 AYHEQLSVAEITNACFEPANQMVKCDPRHGKYMCCLLYRGDVPKDVNAAIATIKTKRSIQFVDWCPTG  
 FKVGINYQPPTVVPGGDLAKVQRAVCMLSNNTTAAEAWARLDHKFDLKYAKRAFVHWYVGEEMEEGEFSE  
 AREDMAALEKDYEEVGVDSVEGEGEEGEEY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

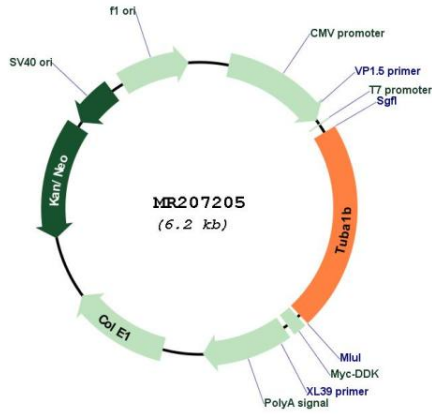


**Cytogenetics:** 15 F1

**MW:** 50.2 kDa

**Gene Summary:** Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR207205