

Product datasheet for **MG207083**

Tubb5 (NM_011655) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubb5 (NM_011655) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tubb5
Synonyms:	AA408537; AI596182; B130022C14Rik; M(beta)5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207083 representing NM_011655
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGAAATCGTGCACATCCAGGCCGGACAGTGTGGCAACCAGATCGGTGCTAAGTTCTGGGAGGTGA
 TAAGCGATGAACATGGCATCGACCCACCGGTACCTACCACGGTGACAGCGACCTGCAGCTGGACCGAAT
 CTCTGTGTACTATAATGAAGCCACAGGTGGCAAGTATGTCCTCGAGCTATCTTGGTGGATCTAGAACCT
 GGGACTATGGACTCCGTTTCGCTCAGGTCCTTTGGCCAGATCTTCAGACCAGACAACCTTCGTTTTCGGT
 AGTCTGGGCGAGCAACAACCTGGGCTAAAGGCCACTACACAGAGGGAGCTGAGTTGGTTGACTCTGTCTT
 GGATGTGGTGGGAAGGAGGCGGAGAGCTGTGATTGCCTGCAAGGCTTTCAGCTGACCCACTCACTGGGT
 GGAGGCACTGGCTCTGGCATGGCACCCCTGCTCATCAGCAAGATCCGGGAAGAATATCCTGACCGTATCA
 TGAATACCTTCAGTGTGGTGCCTCGCCAAAGTGTCTGATACCGTGGTCGAGCCCTACAATGCCACCT
 GTCTGTCCATCAGTTGGTTGAGAACACGGATGAGACCTACTGCATCGACAACGAGGCCCTCTACGACATC
 TGCTTCGGTACCCCTCAAGCTCACCACGCCAACCTACGGAGACCTGAACCATCTCGTCTCGGCCACCATGA
 GCGGCGTCACCACCTGCCTCCGTTTCCCGGCCAGCTTAATGCTGACCTTCGAAAGCTGGCTGTCAACAT
 GGTGCCATTTCCACGCTCTCCACTTCTTCATGCCTGGCTTTGCCCTCTCACCCAGCCGTGGAAGCCAGCAG
 TACCGGGCCCTCACTGTGCCTGAACTTACCAGCAGGTCTTCGATGCCAAGAACATGATGGCCGCTGCG
 ACCCGGCCACCGCCGGTACCTCACAGTTGCCCGCGTCTCCGTTGGACGGATGTCATGAAGGAGGTGGA
 TGAGCAGATGCTCAACGTGCAGAACAAGAATAGCAGCTACTTCGTGGAATGGATCCCCAACAAATGTCAAG
 ACAGCTGTCTGTGACATCCCACCAGTGGCCTCAAGATGGCAGTACCTTCATTGGAAACAGCACAGCCA
 TCCAGGAGCTCTCAAGCGCATCTCTGAGCAGTTTACGGCTATGTTCCGCCGGAAGGCTTCTCCACTG
 GTATACGGGTGAGGGCATGGACGAGATGGAGTTTACCGAAGCTGAGAGCAACATGAACGACCTCGTCTCT
 GAGTACCAGCAGTACCAGGATGCCACCGCGGAAGAGGAAGAGGATTTCCGAGAGGAGGCAGAAGAGGAGG
 CC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207083 representing NM_011655
 Red=Cloning site Green=Tags(s)

MREIVHIQAGQCGNQIGAKFWEVISDEHGIDPTGTYHGDSLQLDRISVYYNEATGGKYVPRAILVDLEP
 GTMDSVRSRGGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDSVLDVVRKEAESCDCLQGFQLTHSLG
 GGTGSGMGTLLISKIREEYPDRIMNTFSVVPSPKVSDDTVEPYNATLSVHQLVENTDETYCIDNEALYDI
 CFRTLKLTTPTYGDLNHLVSATMSGVTTCLRFPGQLNADLRKLAVNMPFPRLHFFMPGFAPLTSRGSQQ
 YRALTVPELTQQVFDANKMMAACDPRHGRYLTVAAVFRGRMSMKEVDEQMLNVQNKNSSYFVEWIPNNVK
 TAVCDIIPRGLKMAVTFIGNSTAIQELFKRISEQFTAMFRRKAFKFLHWYTGEGMEDEFTEAESNMNDLVS
 EYQQYQDATAEEEEEDFGEEAEAAA

TRTRPLE - GFP Tag - V

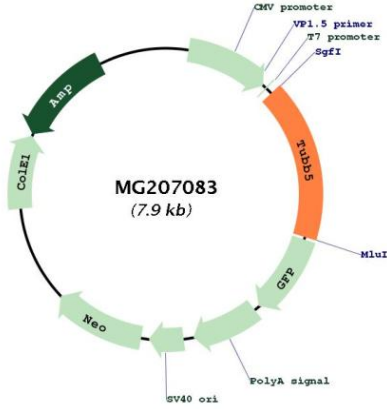
Restriction Sites:

SgfI-MluI

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 MG207083