

Product datasheet for **MG207161**

Tuba4a (NM_009447) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tuba4a (NM_009447) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tuba4a
Synonyms:	M[a]4; Tuba4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207161 representing NM_009447
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGCGAGTGCATTTTCAGTCCATGTGGGGCAGGCAGGTGCCAGATGGGCAATGCCTGCTGGGAGCTCT
 ACTGTCTGGAACATGGGATTTCAGCCTGATGGGCAGATGCCAGCGATAAGACCATTGGTGGAGGGGACGA
 CTCTTACCACCTTCTTCTGTGAAACTGGAGCTGAAAAACATGTGCCTCGGGCAGTCTTTGTGGACCTG
 GAGCCTACTGTAATCGATGAGATCCGAAATGGCCATACCGTCAGCTCTTCCACCCAGAGCAGCTTATCA
 CTGGGAAAGAAGATGCAGCCAACAATAATGCCCCGGTGCATTACACCATTGGCAAGGAGATCATCGACCC
 AGTGTGGACCGGATCCGCAAGCTGTCTGATCAGTGCACAGGACTTCAGGGCTTCTAGTATTCCACAGC
 TTTGGAGGGGGCACCGGCTCTGGCTTACCTCTCTGCTGATGGAGCGGCTTCTGTTGACTATGGCAAAA
 AGTCCAAGCTGGAATTCTCCATCTACCCAGCCCCCAAGTGTCCACGGCTGTAGTGGAGCCCTACAACCT
 CATCTGACCACCCATACCACCTGGAACACTCAGACTGTGCCTTCATGGTGGACAACGAAGCCATTTAT
 GATATCTGCCCGCTAACCTAGATATTGAGCGTCCAACCTATACCAACCTCAACCGCCTCATCAGCCAAA
 TTGTCTCCTCCATCACAGCTTCTTGGCCTTTGATGGGGCCCTCAATGTGGACCTGACAGAGTTCAGAC
 CAACCTGGTGGCCCTACCCTCGCATCCACTTCCCCTTGGCTACCTATGCACCAGTCATTTCTCGAGAGAAG
 GCCTACCATGAGCAGCTGTCAAGTGGCAGAGATCAACATGCCTGTTTTGAGCCTGCCAACAGATGGTGA
 AATGTGACCCCTCGGCACGGCAAGTACATGGCCTGCTGCCTGTGTACCGTGGAGATGTGGTGGCCAAAGA
 TGTGAATGCTGCCATAGCTGCCATCAAGACGAAGCGCAGCATCCAGTTTGTGGACTGGTGGCCACAGGC
 TTCAAGTTGGCATCAACTACCAACCACCCACTGTGGTGCCTGGGGTGACCTGGCCAAGGTGCACGCTG
 CTGTGTGCATGCTGAGCAACACAACCGCCATTGCTGAGCCTGGGCCGCTCTGGACCACAAGTTTGACTT
 GATGTATGCCAAGAGGGCTTTTGTACACTGGTATGTGGGTGAGGGAATGGAGGAGGGGAGTTCTCTGAG
 GCTCGAGAGGATATGGCTGCCCTGGAAAAAGATTATGAGGAAGTAGGCATCGACTCCTATGAGGACGAGG
 ATGAGGGAGAAGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207161 representing NM_009447
 Red=Cloning site Green=Tags(s)

MRECISVHVQAGVQMGNACWEL YCLEHGIQPDGQMP SDKTIIGGGDSFTTFFCETGAGKHVPRAVFVDL
 EPTVIDEIRNGPYRQLFHPEQLITGKEDAANNYARGHYTIGKEIIDPVLDRIRKLS DQCTGLQGFLVFHS
 FGGGTGSGFTSLLMERLSVDYGGKSKLEFSIYPAPQVSTAVVEPYNSILTHTTLEHSDCAFMDNEAIY
 DICRRNLDIERPTYTNLNRLISQIVSSITASLRFDGALNVDL TEFQTNLVPYPRIHFPLATYAPVISA EK
 AYHEQLSVAEITNACFEPANQMVKCDPRHGKYMCCLL YRGDVVPKDVNAAIAAIKTKRSIQFVDWCPTG
 FKVGINYQPPTVVPGGDLAKVQRAVCMLSNNTTAIAEAWARLDHKFDL MYAKRAFVHWYVGEEMEEGEFSE
 AREDMAALEKDYEEV GIDSYEDEDEGEE

TRTRPLE - GFP Tag - V

Chromatograms:

https://cdn.origene.com/chromatograms/ja1749_e06.zip

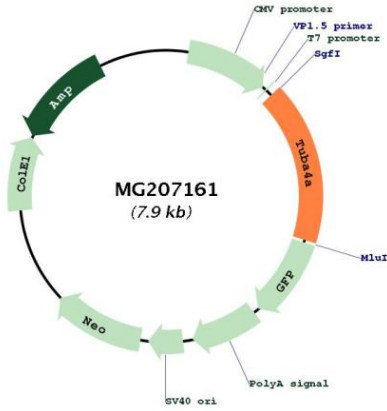
Restriction Sites:

Sgfl-Mlul

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 MG207161