

Product datasheet for **MG202464**

Taf10 (NM_020024) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf10 (NM_020024) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Taf10
Synonyms:	30kDa; AU041226; Taf2h; TAFII30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202464 representing NM_020024 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTGCAGCGGCTCCGGCGCGGACCCCGAGGCGGCGACCGCCTGTGCCGCTCGGTGCGGGTCCGG
CACCCCTGGTGTGCGCTCCCGCTGCGCTGCCACTAGCACGGCCGCGGAGAGCAAGGCCAGCCCCGCGGG
GACAGCAGGGGGCCCGTGGCTGGAGTCGCCACTGCGGGCACGGGCCCGTGGCGGCACGGGCAGGGGAG
CCGGCAGAGCGGCGGGCCAGCTTCGGTGGCAGCGGGCGGCGGCTCCCCGGAGGGGCAATGTCTA
ACGGGGTTTACGCCCTACCGAGCGGGCAACGGAGAAGTGAAGCCCGTAGTGTCCAGCACACCTTAGT
GGACTTCTTGATGCAGTTGGAGGATTACACACCTACGATCCCAGATGCAGTGACTGGTTACTACCTGAAC
CGCGCTGGCTTTGAAGCTTCAGACCCACGCATAATTCGGCTCATCTCACTAGCTGCCAGAAATTCATCT
CAGATATTGCCAATGATGCCCTACAGCACTGCAAATGAAGGGCACAGCCTCTGGCAGCTCCCGGAGCAA
GAGCAAGGATCGCAAGTACCCCTAACCATGGAGGACTTGACCCCTGCCCTCAGCGAGTATGGCATCAAT
GTGAAGAAGCCGCACTACTTCACC

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202464 representing NM_020024
 Red=Cloning site Green=Tags(s)

MSCSGSGADPEAATACAASVAGPAPLVSAPAALPTSTAAESKASPAGTAGGPVAGVATAGTGPVAARAGE
 PAERRGPASVAAGGAAPPEGAMSNVYALPSAANGEVKPVVVSSTPLVDFLMQLEDYTPPTIPDAVTGYLLN
 RAGFEASDPRIIRLISLAAQKFISDIANDALQHCKMKGTASGSSRSKSKDRKYTLTMEDLTPALSEYGIN
 VKKPHYFT

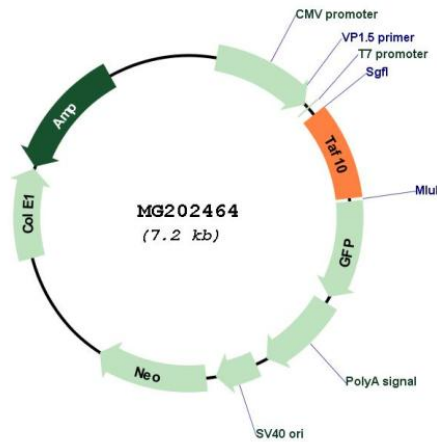
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_020024

ORF Size: 654 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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:	NM_020024.3 , NP_064408.2
RefSeq Size:	787 bp
RefSeq ORF:	657 bp
Locus ID:	24075
UniProt ID:	Q8K0H5
Cytogenetics:	7 E3
Gene Summary:	TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. May regulate cyclin E expression.[UniProtKB/Swiss-Prot Function]