

Product datasheet for **MG205109**

Taf7 (NM_011901) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf7 (NM_011901) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Taf7
Synonyms:	55kDa; AI607308; BB007175; Taf2f; TAFII55
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205109 representing NM_011901 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTAAAGAACAAGACGATGCGCCTCATGAGCTAGAGAGCCAGTTTATCTTACGACTGCCCCAGAAT
ATGCCGCTACGGTGAGGAGGGCAGTGCAGTCTGGGCATGTCAACCTGAAAGACAACTGAGCATTGAGTT
ACACCCTGATGGGCGTCACGGCATTGTCAGAGTGGATCGAGTGCCTTGGCTGCAAATTTGGTCGATTTG
CCTTGTGTACGAAAAGCTTAAAAACATCGATAAGAAAACCTTTTACAAGACAGCTGATATCTCTCAGA
TGCTTGTAGCCACAGTAGATGGTGACCTATACCCTCCTGTGGAGGAGGCAGCTGCCACTGCTGATCCCAA
AGCAAACAAGAAAAAGATAAAGACAAAGAGAAAAAGTTTGTGGAACCATGGAATTACTCTACCTCTA
AAAAATGTGAGAAAGAGACGGTTCGGAAGACAGCAAAGAAGAAGTACATTGAATCTCCGGATGTGGAAA
AAGAAGTCAAGCGTCTGCTGAGTACAGATGCAGAAGCTGTGAGTACTCGTTGGGAGATAATTGCTGAAGA
TGAAACAAAGGAGACAGAAAATCAAGGCCTGGACATCTCTTCCAGGAATGTCTGGCCACAGGCAAGGC
CATGACTCACTAGAGCATGATGAGCTTCGAGAGATATTCAATGACCTCAGCAGCAGCAGTGAAGTGAAG
AAGACGTAACATCCTTGACACTGAGGAAGATCTGGAGAGACAGCTACAAGACAAGCTAAATGAATCCGA
CGAGCAACACCAAGAAAATGAAGGAACCAATCAGTTGGTTATGGGAATTCAGAAGCAGATAGATAACATG
AAAGGCAAGCTCCAAGAAACCAAGACAGGGCAAAGCGCCAGGAAGATCTCATTATGAAGGTAGAAAACC
TGGCTCTCAAGAACAGGTTTCAGGCAGTTCTGGATGAGCTCAAACAAAAAGAAGCCGCGAAAAGGAGCA
GCTTAGCTCTTTCAGGAAGAGCTGGAATCACTTCTGGAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205109 representing NM_011901
 Red=Cloning site Green=Tags(s)

MSKNKDDAPHELESQFILRLPPEYAATVRRAVQSGHVNLDKLSIELHPDGRHGI VRVDRVPLAAKLVDL
 PCVTESLKTIDKKTfYKTADISQMLVATVDGDL YPPVEEAAAATADPKANKKKDKDKEKfVWNHGITLPL
 KNVRKRRFRKTAKKKYIESPDVEKEVKRLLSTDAEAVSTRWEIIAEDETKETENQGLDISSPGMSGHRQG
 HDSLEHDELREIFNDLSSSEDEEDVNIILDTEEDLERQLQDKL NESDEQHQENEGTNQLVMGIQKQIDNM
 KGKLQETQDRAKRQEDLIMKVENLALKNRFQAVLDELKQKEDREKEQLSSLQEELESLEK

TRTRPLE - GFP Tag - V

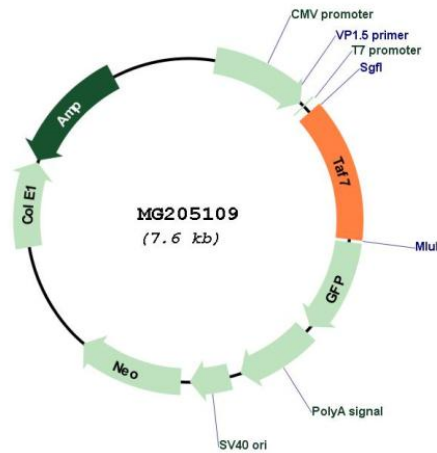
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_011901

ORF Size: 1026 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_011901.1
RefSeq Size:	1762 bp
RefSeq ORF:	1026 bp
Locus ID:	24074
Cytogenetics:	18 B3
Gene Summary:	Functions as a component of the DNA-binding general transcription factor complex TFIID, a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. Present in both of the previously described TFIID species which either lack or contain TAFII30 (TFIID alpha and TFIID beta respectively). [UniProtKB/Swiss-Prot Function]