

Product datasheet for **MG210876**

Ttf1 (NM_009442) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttf1 (NM_009442) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ttf1
Synonyms:	AV245725; TTF-1; TTF-I
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG210876 representing NM_009442
 Red=Cloning site Blue=ORF Green=Tags(s)

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ACCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG210876 representing NM_009442
 Red=Cloning site Green=Tags(s)

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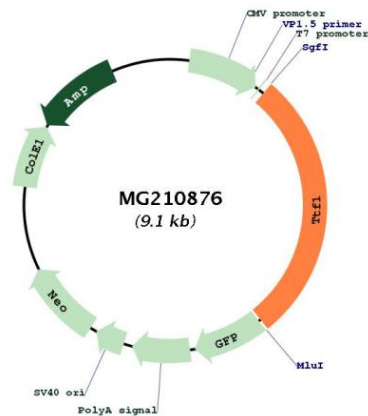
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul

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_009442.2 , NP_033468.2
RefSeq Size:	4170 bp
RefSeq ORF:	2580 bp
Locus ID:	22130
UniProt ID:	Q62187
Cytogenetics:	2 A3
Gene Summary:	Multifunctional nucleolar protein that terminates ribosomal gene transcription, mediates replication fork arrest and regulates RNA polymerase I transcription on chromatin. Plays a dual role in rDNA regulation, being involved in both activation and silencing of rDNA transcription. Interaction with BAZ2A/TIP5 recovers DNA-binding activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG210876