

Product datasheet for **RG218357**

TEX261 (NM_144582) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TEX261
Synonyms:	TEG-261
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG218357 representing NM_144582
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGGTTCATGTACCTGCTGAGCTGGCTGTCGCTCTTCATCCAGGTGGCCTTCATCACGCTGGCTGTCG
CGGCTGGACTCTATTACCTGGCAGAACTGATAGAAGAATACACAGTGGCCACCAGCAGGATCATAAAATA
CATGATCTGGTTCACCGCTGTACTGATTGGCCTCTACGTCTTTGAGCGCTTCCCACCAGCATGATT
GGAGTGGGCTATTCACCAACCTCGTCTACTTTGGCCTCTCCAGACCTTCCCCTTCATCATGCTGACCT
CGCCTAACTTCATCCTGTCGTGTGGACTAGTGGTGGTGAATCATTACCTAGCATTTTCAGTTTTTTGCAGA
AGAATATTATCCCTTCTCAGAGGTCTGGCCTATTTCACTTTCTGCCTGTGGATAATTCCGTTTGCGTTT
TTTGTGTCACCTTTCGGCCGGGAGAACGTCCTGCCCTCTACCATGCAGCCAGGAGATGATGTCGTCTCCA
ATTATTTACCAAAGGCAAGCGGGGCAACGCTTAGGGATCCTGGTGTCTTCTCCTCATCAAAGAGGC
CATTCTACCCAGTCGTCAGAAGATATAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG218357 representing NM_144582
Red=Cloning site Green=Tags(s)

MWFMYLLSWLSLFIQVAFITLAVAAGLYYLAELIEEYTVATSRIIKYMIWFSTAVLIGLYVFERFPTSMI
GVGLFTNLVYFGLLQTFPIMLTSPNFILSCGLVVVNHLYLAFQFFAEYYPFSEVLAYFTFCLWIIPFAF
FVLSAGENVLPSTMQPGDDVVSNYFTKGRKRLGILVVFSFIKEAILPSRQKIY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_144582

ORF Size: 588 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:

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.

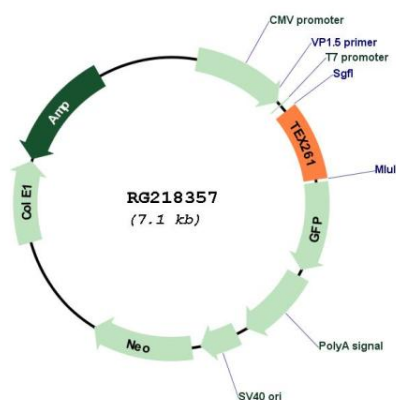
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_144582.3](#)

RefSeq Size: 3381 bp

RefSeq ORF:	591 bp
Locus ID:	113419
UniProt ID:	Q6UWH6
Cytogenetics:	2p13.3
Domains:	DUF396
Protein Families:	Transmembrane

Product images:



Circular map for RG218357