

## Product datasheet for **RG226964**

### ETV3 (NM\_001145312) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ETV3 (NM_001145312) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ETV3
Synonyms:	METS; PE-1; PE1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG226964 representing NM\_001145312  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAAGCCGGCTGTAGCATCGTGGAAAAGCCAGAAGGAGGTGGAGGGTATCAGTTTCCTGACTGGCCCT  
 AAAAAACAGATCATCCCAGGCTCCCGCAGATCCAGCTGTGGCACTTCATCCTGGAGCTGCTGCAGAA  
 GGAAGAGTTCCGCCATGTCATCGCCTGGCAGCAGGGAGAGTACGGGAATTTGTCATCAAGGATCCAGAT  
 GAGGTGGCCCGCCTCTGGGGCCGCAGGAAATGCAAACCACAGATGAATTATGACAAGCTGAGCCGGGCC  
 TCAGATACTATTACAACAAGAGGATCCTTCATAAAACAAAAGGAAAAGATTTACCTATAAATTTAACTT  
 CAACAAGCTGGTGTATGCCAACTACCCATTTCATCAACATTCGGTCAAGTGGTGTGGTTCTCAGAGTGCA  
 CCACCAGTGCCAACAGCCTCTCCCGGTTCCATTTCCACCTCTGGACACCCATTCTCCAACCAATGATG  
 TGCAGCCGGGACGGTTCTCTGCTAGCTCCCTAACTGCTTCTGGCCAGGAGTCCAGTAATGGTACTGATAG  
 AAAGACTGAGCTTTCAGAGCTGGAGGATGGCTCAGCTGCTGACTGGCCCGGGGTGTGGATCCCGTGTCC  
 TCAGGAATGCCATTGGTGGAGGAGGGATTGGCCATCAGAAACGCAAGCCTGACATAATGCTTCCTCTGT  
 TTGCTAGGCCAGGGATGTACCCTGACCCCCACAGTCCCTTCGCTGTCTCTCCAATCCCTGGCCGCGGAGG  
 TGTCTTAATGTCCCATTTACCCAGCCCTCTCCCTGACTCCCACCATCTTCTCCTATAGCCCATACCA  
 GGCTGAGCCCTTTCACCAGCAGCAGCTGCTTCTCCTTCAACCCTGAGGAAATGAAACACTACCTTCATT  
 CTCAAGCTTGTCTGTGTTCAACTACCATCTGAGTCTCGGACTTTTCCCGTTACCCAGGGCTCATGGT  
 TCCACCCTGCAGTGCCAAATGCATCCTGAGGAGTCAACTCAGTTCTCCATCAAGCTGCAGCCCCACCA  
 GTTGGGCGGAAGAACCGGAGAGGGTTGAGAGCAGCGAGGAGTCAAGCAGTCCAGCAGCCACCATGG  
 CTCTATTCCCCCAAGAATCAAGGTGGAACCTGCCTCTGAAAAGGATCCTGAGAGCCTCAGCAGTCGGC  
 ACGAGAGAAGGAGGAGCACACTCAAGAAGAGGGCACTGTGCCAAGCAGGACCATTGAAGAGGAAAAAGGC  
 ACCATCTTTGCCGTCCTGCTGACCACCCATCTGGCCCTCTGTGCCATTAGCACCCCAAGTGGAGAAC  
 CTCTGGAGGTGACTGAAGACAGTGGATAGGCCTGGCAAAGAGCCAGTGCACCTGAGAAGAAAGAAGA  
 TGCAGTATGCCCCCAAGCTTCGGTTGAAGCGGCGTGGAAATGATGACCCTGAAGCCCGAGAGCTGAGC  
 AAGAGTGGCAAGTTTCTCTGGAATGGGTGAGGCCAGGGCTTGGCAACAGCAGCTGCTGATGCT

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>RG226964 representing NM\_001145312  
 Red=Cloning site Green=Tags(s)

MKAGCSIVEKPEGGGYQFPDWAYKTESSPGSRQIQLWHFILELLQKEEFRHVIWQQGEYGEFVIKDPD  
 EVARLWGRRKCKPQMNYDKLSRALRYYYNKRILHKTGKRFTYKFNFNKLVMPNYPFINIRSSGVVPSA  
 PPVPTASSRFHFPPLDTHSPTNDVQGRFSASSLTASGQESSNGTDRKTELSELEDGSAADWRRGVDVPS  
 SRNAIGGGIGHQKRKPDIMLPLFARPGMYPDPHSPFAVSPIPGRGGVNLNVPISPALSLTPTIFSYSPSP  
 GLSPFTSSSCFSFNPEEMKHYLHSQACSVFNYHLSRPTFPRYPGLMVPPLQCMHPEESTQFSIKLQPPP  
 VGRKNRERVESSEESAPVTTPTMASIPPRIKVEPASEKDPESLRQSAREKEEHTQEEGTVPSRTIEEEKG  
 TIFARPAAPPIWPSVPISTPSGEPLVTEDESDRPGKEPSAPEKKEDALMPPKLRKRRWDDPEARELS  
 KSGKFLWNGSGPQGLATAAADA

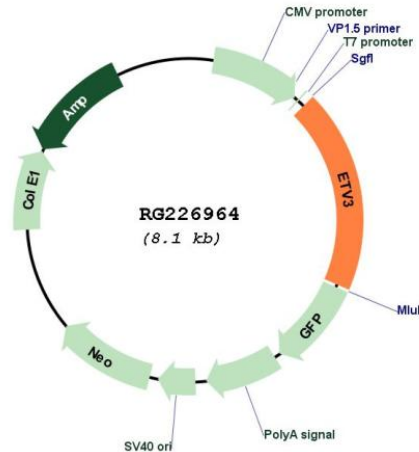
**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI



## Plasmid Map:



ACCN: NM\_001145312

ORF Size: 1536 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001145312.3</a>
<b>RefSeq Size:</b>	2002 bp
<b>RefSeq ORF:</b>	1539 bp
<b>Locus ID:</b>	2117
<b>UniProt ID:</b>	<a href="#">P41162</a>
<b>Cytogenetics:</b>	1q23.1
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	Transcriptional repressor that contribute to growth arrest during terminal macrophage differentiation by repressing target genes involved in Ras-dependent proliferation. Represses MMP1 promoter activity.[UniProtKB/Swiss-Prot Function]