

Product datasheet for **RG239345**

TLE3 (NM_001282982) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLE3 (NM_001282982) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TLE3
Synonyms:	ESG; ESG3; GRG3; HsT18976
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239345 representing NM_001282982.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGTCCTATGGCTTGAACATTGAAATGCACAAGCAGACAGAGATTGCGAAGAGACTGAACACAATTTTA
GCACAGATCATGCCTTTCTGTGTCACAAGAGCACCAGCAGCAGGTGGCGCAGGCAGTGGAGCGGCCAAG
CAGGTCACCATGACGGAGCTGAACGCCATCATCGGGGTACGTGGACTCCCAATCTGCCTCTTACCAG
CAGCAGCTCCAGGCGCAGCACCTCTCCCATGCCACACACGGCCCCCGGTCCAGTTGCCACCCACCCG
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CCTGCCTCGGTGGCTCTTCCAGTAGCACACCTTCTCCTCAAGACCAAGACCTTGGTCATAACGACAAA
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TCTCTGCTGTCTTGAGTTGTGACATTTACAGGGATGACAAAACATTGTAACAGGCTCTGGTGACAAG
AAGGCCACAGTTTATGAGGTCATCTAC
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
  
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Protein Sequence: >Peptide sequence encoded by RG239345
 Blue=ORF Red=Cloning site Green=Tag(s)

MSYGLNIEMHKQTEIAKRLNTILAQIMPFLSQEHQQQVAQAVERAQVMTLNAIIGVRGLPNLPLTQ
 QQLQAQHLSHATHGPPVQLPPHPSGLQPPGIPPVTGSSSGLLALGALGSQAHLTVKDEKNHHELDHRER
 ESSANNVSPSESLRASEKHRGSADYSMEAKKRKAEKDSLRYDSDGDKSDDLVDVSNEDPATPRVS
 PAHSPPENGLDKARSLKADAPSPASVASSSTPSSKTKDLGHNDKSSTPGLKSNTPTPRNDAPTPTS
 TTPGLRSMPASALRTPISITSSYAAPFAMMSHEMNGSLTSPGAYAGLHNIPPQMSAAAAAAAAAYGRS
 PMVGFDPHPPMRATGLPSSLASIPGGKPAYSFHVSADGQMOPVFPFDALAGPGIPRHARQINTLSHGE
 VVCAVTISNPTRHYVTGGKGCVKIWDISQPGSKSPISQLDCLNRDNYIRSCKLLPDGRTLIVGGEASTL
 TIWDLASPTPRIKAELETSSAPACYALAIISPAKVCFCSSDGNIAVWDLHNQTLVRQFQGHDTGASCID
 ISHDGTLKWTGGLDNTVRSWDLREGRQLQHDFTSQIFSLGYCPTGEWLAVGMESNVEVLHHTKPKDY
 QLHLHESCVLSLKFAAYCGKWFVSTGKDNLLNAWRTPYGASIFQSKESSVLSCDISADDKYIVTGSGBK
 KATVYEVIIY
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKAISHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001282982

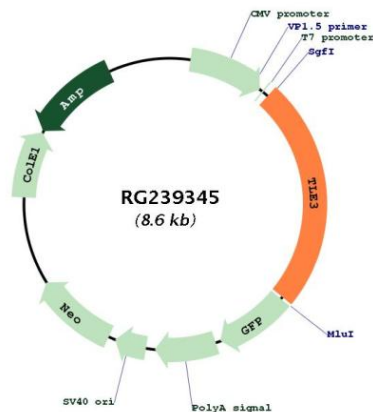
ORF Size: 2097 bp

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).
RefSeq:	NM_001282982.2
RefSeq Size:	4491 bp
RefSeq ORF:	2100 bp
Locus ID:	7090
UniProt ID:	Q04726
Cytogenetics:	15q23
Protein Families:	Transcription Factors
MW:	75.4 kDa
Gene Summary:	This gene encodes a transcriptional co-repressor protein that belongs to the transducin-like enhancer family of proteins. The members of this family function in the Notch signaling pathway that regulates determination of cell fate during development. Expression of this gene has been associated with a favorable outcome to chemotherapy with taxanes for ovarian carcinoma. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Sep 2013]

Product images:



Circular map for RG239345