



**Protein Sequence:** >RG206530 representing NM\_005749  
 Red=Cloning site Green=Tags(s)

MQLEIQVALNFIISYLYNKLPRRRVNIIFGEELERLLKKKYEGHWYPEKPYKGSFRCIHIGEKVDPVIEQ  
 ASKESGLDIDDVRGNLPQDLVWIDPFVSYQIGEKGPVKVLYVDDNNENGCELDKEIKNSFNPEAQVFM  
 PISDPASSVSSSPSPFPGHSAAVSPTFMPRSTQPLTFTTATFAATKFGSTKMKNSGRSNKVARTSPINLG  
 LNVNDLLKQKAISSSMHSLYGLGLGSQQQPQQQPPPPPPPPQQQQQKTSALSPNAKEFIFPNMQ  
 GQGSSTNGMFPGDSPLNLSPLQYSNAFDVFAAYGGLNEKSFVDGLNFSLNMMQYSNQFQPYMAN

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_005749

**ORF Size:** 1035 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\\_005749.2](#), [NP\\_005740.1](#)

**RefSeq Size:** 1830 bp

**RefSeq ORF:** 1038 bp

**Locus ID:** 10140

**UniProt ID:** [P50616](#)

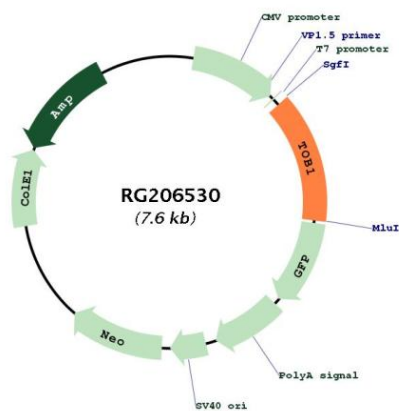
**Cytogenetics:** 17q21.33

**Domains:** Anti\_proliferat

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes a member of the transducer of erbB-2 /B-cell translocation gene protein family. Members of this family are anti-proliferative factors that have the potential to regulate cell growth. The encoded protein may function as a tumor suppressor. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]

## Product images:



Circular map for RG206530