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Product datasheet for RG201930

TRIM31 (NM_007028) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM31 (NM_007028) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIM31
Synonyms:	C6orf13; HCG1; HCGI; RNF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>RG201930 representing NM_007028
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCAGTGGGCAGTTTGTGAACAAACTGCAAGAGGAAGTGATCTGCCCCATCTGCCTGGACATTCTGC
AGAAACCTGTCACCATCGACTGTGGGCACAATTTCTGCCTCAAATGCATCACTCAGATTGGGGAAACATC
ATGTGGATTTTTCAAATGTCCCCTCTGCAAAACTTCCGTAAGGAAGAACGCAATCAGGTTCAACTCGCTG
TTGCGGAATCTGGTGGAGAAAATCCAAGCTCTACAAGCCTCTGAGGTGCAGTCCAAAAGGAAAGAGGCTA
CATGCCCGAGGCACCAGGAGATGTTCCACTATTTCTGCGAGGATGATGGGAAGTTCCTCTGTTTTGTGTG
TCGTGAATCCAAGGACCACAAATCCCATAATGTCAGCTTGATCGAAGAAGCTGCCCAGAATTATCAGGGG
CAGATTCAAGAGCAGATCCAAGTCTTGCAGCAAAAGGAGAAGGAGACAGTACAAGTGAAGGCACAAGGTG
TACACAGGGTCGATGTCTTCACGGACCAGGTAGAACATGAGAAGCAAAGGATCCTCACAGAATTTGAACT
CCTGCATCAAGTCCTAGAGGAGGAGAAGAATTTCCTGCTATCACGGATTTACTGGCTGGGTCATGAGGGA
ACGGAAGCGGGGAAACACTATGTTGCCTCCACTGAGCCACAGTTGAACGATCTCAAGAAGCTCGTTGATT
CCCTGAAGACCAAGCAGAACATGCCACCCAGGCAGCTGCTGGAGGATATCAAAGTCGTCTTGTGCAGAAG
TGAAGAGTTTCAGTTTCTCAACCCAACCCCTGTTCCTCTGGAACTGGAGAAAAAACTCAGTGAAGCAAAA
TCAAGACACGACTCCATCACAGGGAGCCTGAAAAAATTCAAAGACCAACTCCAGGCTGATAGGAAAAAAG
ATGAAAACAGATTCTTCAAAAGCATGAATAAAAATGACATGAAGAGCTGGGGCTTGTTACAGAAAAATAA
TCATAAAATGAACAAAACCTCAGAGCCCGGGTCATCTTCTGCAGGCGGCAGAACTACATCGGGGCCACCA
AATCACCACTCTTCAGCCCCATCCCACTCCCTGTTTCGGGCCTCGTCTGCTGGGAAAGTCACTTTTCCAG
TATGTCTCCTGGCCTCTTATGATGAGATTTCTGGTCAAGGAGCGAGCTCTCAGGATACGAAGACATTTGA
CGTTGCGCTGTCCGAGGAGCTCCATGCGGCACTGAGTGAGTGGCTGACAGCGATCCGGGCTTGGTTTTGT
AAGGTTCCTTCAAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

View online »

Protein Sequence:

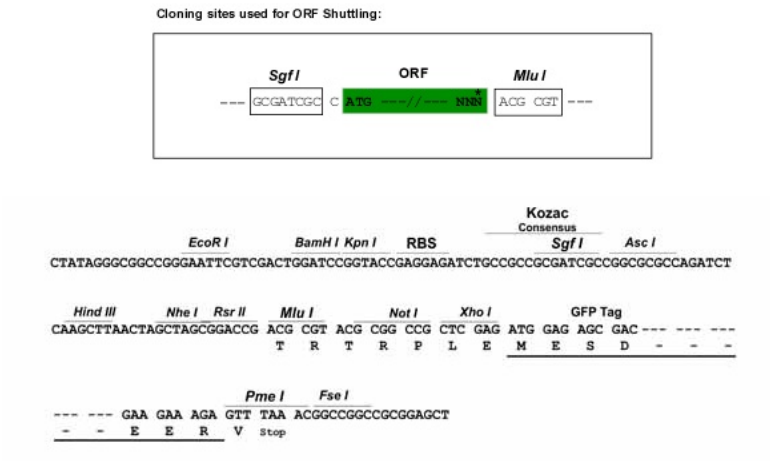
>RG201930 representing NM_007028
Red=Cloning site Green=Tags(s)

MASGQFVNKLQEEVICPICLDILQKPVTIDCGHNFCLKCITQIGETSCGFFKCPLCKTSVRKNAIRFNSL
LRNLVEKIQALQASEVQSKRKEATCPRHQEMFHYFCEDDGKFLCFVCRESKDHKSHNVSLIEEAAQNYQG
QIQEQIQVLQQKEKETVQVKAQGVHRVDVFTDQVEHEKQRILTEFELLHQVLEEEKNFLLSRIYWLGHEG
TEAGKHYVASTEPQLNDLKKLVDSLKTKQNMPPRQLLEDIKVVLCRSEEFQFLNPTPVPLELEKKLSEAK
SRHDSITGSLKKFKDQLQADRKKDENRFFKSMNKNDMKSWGLLQKNNHKMNKTSEPGSSSAGGRTTSGPP
NHHSSAPSHSLFRASSAGKVTFPVCLLASYDEISGQGASSQDTKTFDVALSEELHAALSEWLTAIRAWFC
KVPSS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_007028

ORF Size: 1275 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.

RefSeq: NM_007028.3, NP_008959.3

RefSeq Size: 2049 bp

RefSeq ORF: 1278 bp

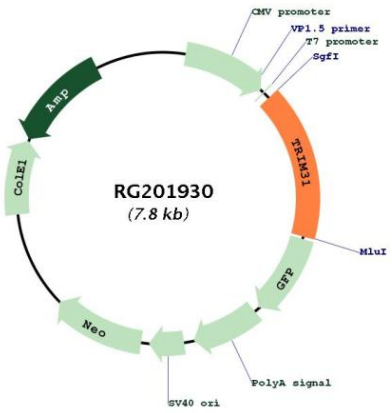
Locus ID: 11074

UniProt ID: Q9BZY9

Cytogenetics: 6p22.1

Gene Summary: This gene encodes a protein that functions as an E3 ubiquitin-protein ligase. This gene shows altered expression in certain tumors and may be a negative regulator of cell growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Product images:



Circular map for RG201930