

Product datasheet for **RC231159**

TGFBR3L (NM_001195259) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	TGFBR3L
Synonyms:	TGFR-3L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC231159 representing NM_001195259
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGTGAATCGGCCGCCGCAACCGCATCCCTTTTCAAAGCGCGCGCGGGGCGAGGTGGTCGGGTCA
CTTTTCCCGGAGGCCTAAAGGGCAGCGCGCTTTCTCTCCTTTGGGCCGCCCTTCCCGCCCCGCCAGC
TCCCCCGTTCCCGCGCGCGCCGGCCCTGGCTGCGCAGACCCCTTTCAGCCTGAAGCTGTCCGACACA
GAGGACGTCTTCTCGCCGCGCGGGCCGCTCGAGGTCCCGGCCGACAGCCGCGTGTCTGTCAGGCGG
CCTTGCGCCGTCCTCCCGCGCTGGGGCTGGCCCTGCACCGCTGCTCAGTGACGCCGTCTCACGCC
GGCCCCGGGGCCCGCCCTGGCTCTGCTGCGTGAGGGCTGCCCGCCGACACCTCTGTGCGCTTCCCGCCA
CCGCGCGCGCGAGCCCGGTGCCCGCCCGCCGCGCTTTCAGCTTCCGCTGCGCCCGGTCTTCAACG
CCTCGGTGAGTTCTGCACTGCCAGCTGAGCCGCTGCCCGCCCTCCGGGAGTCCGCCGGGCGCTGC
GCCTCTGACGCCGCGCGCCCGCCGCGCATCGCGTGTCTGCCTCAGGACGAGGCGTGCGCCGACACT
GGCAGTGGCAGCGCGAGGGCTGGCTGCTGACGGCCCCACCTGCACAGCTGACGCAGCCTATCGTGG
TCACCGTGCCGCGCGCGCCCGCCAGGCCGCCAAGAGTGTCCCGGCCGTGAGTGCGCCCTGAGCCTCC
CGCGCCGGCCCCCGCGCCCTGGAACCGCGCGGTGGTGGCGTGGTGTGGCAGCCTTCTGTCTGGG
GCCGCGCTGGCGCGCGGGCTGGGTCTGCTGTGCGCACTACGCGCCACGCCCCCTGGCCCGCCGCGA
GAGCCTCGCCAGCGGTCCCCAGCCAGGAGTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGTTTAA



Protein Sequence: >RC231159 representing NM_001195259
Red=Cloning site Green=Tags(s)

MGESAAATASLFQRRRRGRGGRVTFPGGLKGSARFLSFGPPFPAPPAPPPAAPGPWLRRLFLSKLSDT
EDVFPRRAGLEVPADSRVVFQAALARPSPRWGLALHRCSTVTPSSRAPGPALALLREGCPADTSVAFPP
PPPPSPGAARPARFSFRLRPVFNASVQFLHQLSRCRLRGVRRAAPLTPPPPPPSRCLPQDEACADT
GSGSAEGLAAGDHPHLHTQPIVTVPRPPPPKPSVGPVAVRPEPPAPAALEPAVPVALVLAFAVLG
AALAAGLGLVCAHSAHPALPGAPASPSGPQPRRSQ

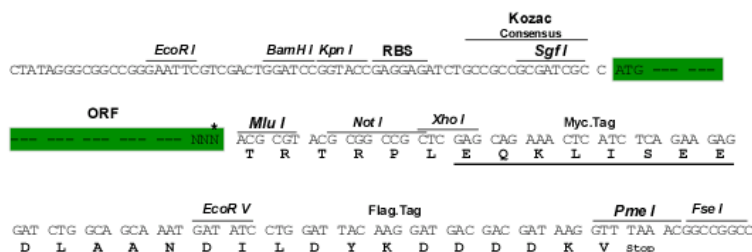
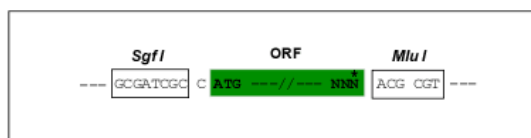
TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8109_f12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001195259

ORF Size: 948 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_001195259.2](#)

RefSeq ORF: 951 bp

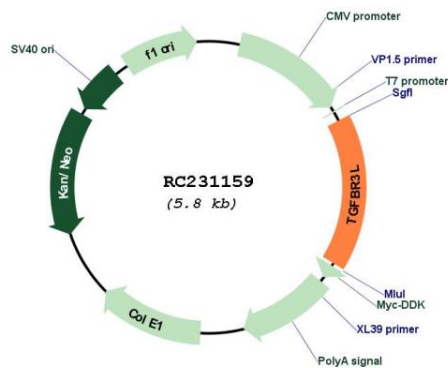
Locus ID: 100507588

UniProt ID: [H3BV60](#)

Cytogenetics: 19p13.2

MW: 33.3 kDa

Product images:



Circular map for RC231159