

Product datasheet for **RG201887**

OTULINL (NM_019018) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	OTULINL
Synonyms:	FAM105A; NET20
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG201887 representing NM_019018
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGGCGACAAGGAGCCCCACGCGGGCAAGGGAGCGGGAGCGGTCTGGCGCTCCCGCCGAGGAAGTG
ACCAAGTTCCTGCTGATGCTAGCTACAAGCCAAGCCTTAGACACTGTCTGGAGAATGGCAAAAGGCTT
TGTGATGTTGGCAGTTTCATTTCTGGTGGCTGCCATCTGCTACTTCCGGAGGCTACATTTATATTCAGGG
CACAAGCTGAAATGGTGGATTGGATATCTGCAGAGAAAATTCAAAAGGAACCTCAGTGTGGAGGCAGAGG
TTGATTTACTCAGTTATTGTGCAAGAGAATGGAAAGGAGAGACACCCGTAACAAGCTGATGAGGAAGGC
TTATGAGGAGCTATTTTGGCGGCATCACATTAATGTGTTTCGACAAGTAAGGAGAGATAACTATGATGCT
CTCAGATCAGTGTTATTTTCAGATATTCAGCCAGGGCATCTCTTTCCATCATGGATGAAAGAAAAGGACA
TTGTTAAGCTTCTGAAAACTGCTGTTTTACAAGGTTGTAATTGGATTACAGCAGTACAGTTTTGGTCC
TGAGAAGTATACAGGCTCGAATGTGTTTGGAAAACTACGGAATATGTGGAATTATTGAAACACAGTGG
ACTGAATTTAATGGCATTAGAGATTATCACAAGAGAGGAAGTATGTGCAACACCCTTTTTTCAGATGCCA
TTCTGGAATATAAACTTTATGAAGCTTTAAAGTTCATCATGCTGTATCAAGTCACTGAAGTTTATGAACA
AATGAAGACTAAAAAGGTCATTCAGTCTTTTAGACTCCTGTTTTCCAGGGAGACATCCTCTGATCCT
TTGAGCTTCATGATGAATCACCTGAATTCTGTAGCGGACACATGTGGACTAGAGCAGATTGATGTTTTA
TACTTGGATACTCCCTGAAGTAAAGATAAAAGTGTTCAGACTGTTCAAGTTTAACTCCAGAGACTTTGA
AGTCTGCTACCCAGAGGAGCCTCTCAGGGACTGGCCGGAGATCTCCTGCTGACCGAGAACGACCGCCAC
TACCACATTCCAGTCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



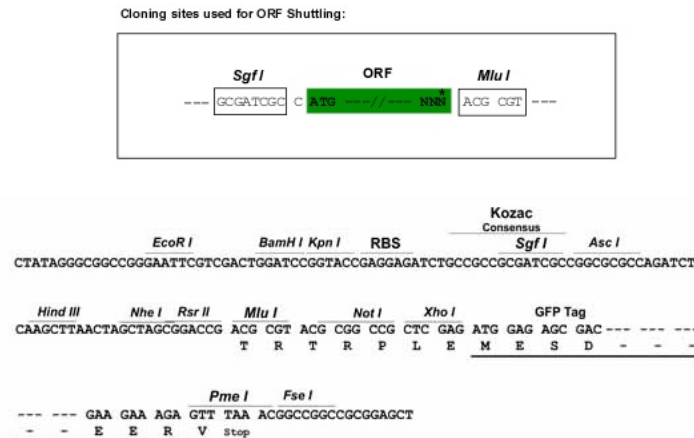
Protein Sequence: >RG201887 representing NM_019018
Red=Cloning site Green=Tags(s)

MAATRSPTRARERERSGAPAAGSDQVHWSMLATSQALDTVWRMAKGFVMLAVSFLVAAICYFRRLHLYSG
HKLKWWIGYLQRKFKNLSVEAEVDLLSYCAREWKGETPRNKLMRKAYEELFWRHHIKCVRQVRRDNYDA
LRSVLQFISQGISFSPWMKEKDIVKLPEKLLFSQGCNWIQQYSFGPEKYTGSNVFGKLRKYVELLKTQW
TEFNGIRDYHKRSMCNTLFSDAILEYKLYEALKFIMLYQVTEVYEQMKTKKVIPSLFRLLFSRETSSDP
LSFMMNHLNSVGDTCGLEQIDMFILGYSLEVKIKVFRLLFKFNSRDFEVCYPEEPLRDWPEISLLTENDRH
YHIPVF

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_019018

ORF Size: 1068 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_019018.3](#)

RefSeq Size: 1925 bp

RefSeq ORF: 1071 bp

Locus ID: 54491

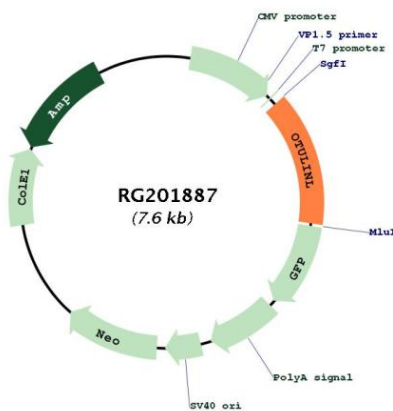
UniProt ID: [Q9NUU6](#)

Cytogenetics: 5p15.2

Protein Families: Transmembrane

Gene Summary: Lacks deubiquitinase activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG201887