

Product datasheet for SC113296

OTULINL (NM_019018) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: OTULINL

Synonyms: FAM105A; NET20

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC113296 sequence for NM_019018 edited (data generated by NextGen Sequencing)

```
ATGGCGGCGACAAGGAGCCCCACGCGGGCAAGGGAGCGGGAGCGGTCTGGCGCTCCCGCC
GCAGGAAGTGACCAAGTCACTCCTGGATGCTAGCTACAAGCCAAGCCTTAGACACTGTC
TGGAGAATGGCAAAGGCTTTGTGATGTTGGCAGTTTCATTTCTGGTGGCTGCCATCTGC
TACTTCCGGAGGCTACATTTATATTCAAGGCACAAGCTGAAATGGTGGATTGGATATCTG
CAGAGAAAATTCAAAGGAACCTCAGTGTGGAGGCAGAGTTGATTTACTCAGTTATTGT
GCAAGAGAATGGAAGGAGAGACACCCGTAACAAGCTGATGAGGAAGGCTTATGAGGAG
CTATTTTGGCGGCATCACATTAATGTGTTGACAAGTAAGGAGAGATAACTATGATGCT
CTCAGATCAGTGTTATTTTCAGATATTCAGCCAGGCATCTCTTTTCCATCATGGATGAAA
GAAAAGGACATTGTTAAGCTTCTGAAAACTGCTGTTTTTCAAGGTTGTAATTGGATT
CAGCAGTACAGTTTTGGTCTGAGAAGTATACAGGCTCGAATGTGTTTGGAAAACTACGG
AAATATGTGGAATTATTGAAAACACAGTGGACTGAATTTAATGGCATTAGAGATTATCAC
AAGAGAGGAAGTATGTGCAACACCCCTTTTTCAGATGCCATTCTGGAATATAAACTTTAT
GAAGCTTTAAAGTTCATCATGTGTATCAAGTCACTGAAGTTTATGAACAAATGAAGACT
AAAAAGGTCATTCCAGTCTTTTGTAGACTCCTGTTTTCCAGGGAGACATCCTCTGATCCT
TTGAGCTTCATGATGAATCACCTGAATTTCTGTAGGCGACACATGTGGACTAGAGCAGATT
GATATGTTTATACTTGGATACTCCCTTGAAGTAAAGATAAAAGTGTTCAGACTGTTCAAG
TTTAACCTCAGAGACTTTGAAGTCTGCTACCCAGAGGAGCCTCTCAGGGACTGGCCGGAG
ATCTCCTGCTGACCGAGAACGACCGCCACTACCACATTCCAGTCTTTTAA
```

Clone variation with respect to NM_019018.2



5' Read Nucleotide
Sequence:

>OriGene 5' read for NM_019018 unedited
 AGGATTTTGTAAATACGACTCACTATAGGGCGGCCGCGCACGGGCCGAGGCCAGCGCCCC
 TCCGCAGCGCGCCGGCATGGCGGCGACAAGGAGCCCCACGCGGCAAGGGAGCGGGAGC
 GGTCTGGCGCTCCCGCCGACGAAAGTGACCAAGTTCACCTCTGGATGCTAGCTACAAGCC
 AAGCCTTAGACACTGTCTGGAGAATGGCAAAAGGCTTTGTGATGTTGGCAGTTTCATTTC
 TGGTGGCTGCCATCTGCTACTTCCGAGGCTACATTTATATTCAGGGCACAAGCTGAAAT
 GGTGGATTGGATATCTGCAGAGAAAATTCAAAAGGAACCTCAGTGTGGAGGCAGAGGTTG
 ATTTACTCAGTTATTGTGCAAGAGAATGGAAAGGAGAGACACCCCGTAACAAGCTGATGA
 GGAAGGCTTATGAGGAGCTATTTTGGCGGCATCACATTAATGTGTTCGACAAGTAAGGA
 GAGATAACTATGATGCTCTCAGATCAGTGTTATTTAGATATTCAGCCAGGGCATCTCTT
 TTCCATCATGGATGAAAGAAAAGGACATTGTTAAGCTTCTGAAAACTGCTGTTTTAC
 AAGGTTGTAATTGGATTACGACAGTACAGTTTGGTCCTGAGAAGTATACAGGCTCGAATG
 TGTTTGGAAAACTACGGAATATGTGAATTATTGAAAACACAGTGGACTGAATTTAATG
 GCATTAGAGATTATCACAAGAGAGGAAGTATGTCAACACCCTTTTTTCAGATGCCATTC
 TGGAATATAAACTTATGAAGCTTTAAAGTTCATCATGCTGTATCAAGTCACTGAAAGTT
 TATGAACAATGAAGACTAAAAAGGTCAATCCAGTCTTTTTAGACTCCTGTTTNCAGGN
 AGACATNCTCTGATCCTTNGAGCTNCATGATGAATCACCTTGATTCTGTAGCGAACATGT
 GGACTAGAGCAGATNGAATGGNTATACCTGGATACTCCNTGAAGTAAAA

3' Read Nucleotide
Sequence:

>OriGene 3' read for NM_019018 unedited
 AATTTTGTAGGACCGCTGACCGCAATCNANNGATCGATTTTATTTCTTTTTTTTTTTA
 AATGTACCACAGTTTAATAGTTTTGTGATAGTTCAATAACTGTCATTTGCTTTAATCTAC
 AGAATTTTAAAAATCTAAATAAACTATTACGCTGGCCAGATAAAATAGTAACAAAAA
 AGTAAAGAGATATAAAACAACTGTACACTATTACAAAGTAGTGGTTCTCTGTATGTCTA
 TGTGTATATATGTATATATAAACTATACAGATACATGTGTATATAAACATACATATG
 TATATATACACACATATACTTAATTTTAAAGTTAATCAATGGTTATCAAAAATTAATAT
 ACAACAAAGATTCTTGGGAAGGTAATGCTTATATAAAATAAGGCCATGTTTCTAAAAATC
 CCTCAAATCAGTCCAAGATAAGATTTTTAATGAAGAACATAAAGGTTAAGAAATCTTT
 CTCTCCAGGTTAGCTGTTTTTCCCTACTTGTCTTCTTCTGTTTTTCTGTTGTTGCC
 ATATTAAACTTCTTTGTGCTCTTAAAGGCCCGCCATCATGTGAAGTGGCCACGCCCTTA
 TGGACAAAGTCAAGCCACCACTCCCAAATGTATCAGTGCAGCTGCTTCAGAGGAAATCA
 CTGAAAAATAAAGAAAAACCATCCATGCATGGCTGCATCCAGTGTACCTGTAATCCTGAA
 GAAAAGGTCTTAATTCCTTCCATGCTGAAATGCTAGCTTTGGTTTCAGAGAGAGACTTTA
 TTGCAACTGTGACCACCGTCACTGGTGAGCACTGCTGTTCCGCCCCAGCGGACTTAAAA
 GATGGAATGTGGTAGTGGCGGTCTCTCGGTCAGCAGGGAGATCTCCGGCCAGTCCCTG
 AGAAGCTCCTCTGGGTAGCAGAC

Restriction Sites:

NotI-NotI

ACCN:

NM_019018

Insert Size:

2150 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<u>NM_019018.1, NP_061891.1</u>
RefSeq Size:	1925 bp
RefSeq ORF:	1071 bp
Locus ID:	54491
UniProt ID:	<u>Q9NUU6</u>
Cytogenetics:	5p15.2
Protein Families:	Transmembrane
Gene Summary:	Lacks deubiquitinase activity.[UniProtKB/Swiss-Prot Function]