

Product datasheet for **RG236160**

SMIM29 (NM_001287396) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SMIM29 (NM_001287396) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SMIM29
Synonyms: C6orf1; LBH
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236160 representing NM_001287396.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTACAGAAGAAAAAGCGGGTGGACCGGCTGCGCCATCACCTGCTCCCATGTACAGCTATGACCCAG
CTGAGGAAGTGCATGAGGCTGAGCAGGAGCTGCTCTGACATGGGAGACCCCAAGGTGGTACATGGCT
GGCAGAGTGGCTACCAGCACAAGCGGATGCCACTGCTGGATGTCAAGACGTGACCTGACCCCTTGCCC
CACCTTCAGAGCCTGGGTCTGGACTGCCTGGGGCCCTGCCATCTGCTCCCTGCTGTACCTGGC
TCCCCCTGCTGGGTGCTGGGTCTCCATTCTCCCTCCACCACCCTCAGCAGCATCTGCTCCCATGCC
CTCACCATCACCTCACTGCCCCAGGCCTTCTGCCCTTTGTGGGTGTTGAGCTCACGCCCCACCCACAG
GCACTCATGGGAAGAGGCTTTCCTTCTGGGATGGCGGCGGCTGGTAGACACCTTTGCTTTCTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236160
Blue=ORF Red=Cloning site Green=Tag(s)

```
MYRRKSGWTGCAITCSPCTAMTQLRNCMRLSRSCSLTWETPRWYMAGR VATSTSGCHCWMSRRDL TPLP
HPSEPGVLDCLGPCHLLPLLSPGSPCWVLGLHFSLHPPSAASASHALITSLPGLLPFVGVELTAHPQ
ALMGRGFPSPGMAAAGRHL CFL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_001287396

ORF Size: 477 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).

RefSeq: [NM_001287396.1](#), [NP_001274325.1](#)

RefSeq Size: 1142 bp

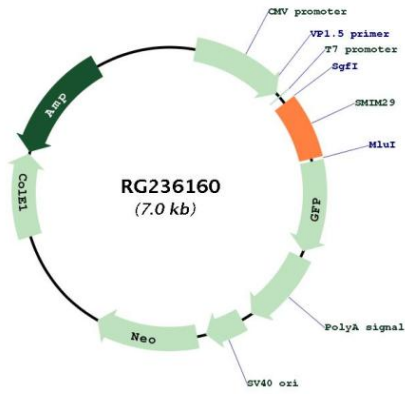
RefSeq ORF: 249 bp

Locus ID: 221491

Cytogenetics: 6p21.31

MW: 17.1 kDa

Product images:



Circular map for RG236160