

Product datasheet for **RG225666**

C1orf177 (LEXM) (NM_001110533) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf177 (LEXM) (NM_001110533) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: LEXM
Synonyms: C1orf177; LEM
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG225666 representing NM_001110533
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGAAAGCCAGGATGCCGCCGGAGCTCATGGCTGGAACCGCGTCGGCTCCACGGCCACCAAGTGGT
 TCACCGGGGCGCCCTTCGGGGTGCAGAGCCACAGGTTTGACATCTCTGCTGTTTATCCAACTGGAAGAA
 GTTCAGCACCTTCACTGAGGCCCATATCCACGCTTATTCTACCCAAGTGTCCACATAGGCCCTGGG
 ACTTACAGCTCCAAGAGACCTGCTTCAGCAAGAAGAAGCTGATGAAGGAGGTGGACACAGGCTGGCCA
 AGGCCAGGAAGCCACGCGGCTGACCCAGCTACCCCACTCCAGTACCAGGCCATCATGAAAGAGAAGCG
 GCTGAAGGAGCAAAGCTGGGCCCGGCTCCTACAACCTCAAAGACTTCTTAGAACAGCTGCGGGAGAAA
 CCATGTAGCACCCGGGGCTGCTCAGCTCTGGGAGGTTTCGCTCCGAGGACTCACTGGGAACTACTATC
 CAGGCCCTGGAATTATGGGGAGAAGGGTAACCCATACACCAAGCTGGAGGAGAAATGCCTGGAACCGGTC
 TCATTCGAGGGCCTCATGTGCAGGATGAGCAACAAGCCACACCCCGGCTCATCAGGGGAGTGGTCTG
 GGACCCGGCACCTACTTCTCAAAGCGACCTTGAGACATATGTGGCAGCATCCGTCGGCACCCCGGGCC
 CCTATGACACTTCTCTGGTGATCGGAGCAAGCCACTGCCTTATGGGCACTCCATGCAGAAAAAAA
 GCCCAGGGAAGTATGAATTTCAAGAGCTTTGTAGAAGAACTTAACACATCACAATAAGAAGCATGGG
 GTTTTTTCTAAACTTCCCGAAACCCGAAACCCCTACAGAGAGGATTTACTGGCCAACCTCAGCCAGT
 GCCCCCGCACACTGGCCACATCTGGCCCAAGTTCTGGCTCCACAAGAGAAGAAATGCAAACCCGTCAA
 CCAGCCCCATTCTGTTGACCTCCAAGGGTCAAGGTGCAAAGGCTGCCAGATGATTATGGGAAGCTGG
 AACCCAGTAGGTGTTGGCCGCTACCTCAACACCTGGCTGATGGAGACAAAGGACAGGCGGCAGCATATC
 GATCCCTATTCTGAGTGGATCCAAACGCTACCTCTCAGACCTGGCCCGGACATGCTCATGCAGGAAAG
 GATCACACCATTACTAAGGAAAGTGCCTCCAACCTGTGGATTACAATTCAGATCTACTCTT

AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG225666 representing NM_001110533
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MRESQDAAGAHGWNRVGSTATKWFTGAPFGVQSHRFDISAVYPNWKKFSTFTEAPYSTRYSTQVSHIGPG
 TYSSKETCFSKKKLMKEVDTWAKAQEATRLTQLPHFYQAIMKEKRLKEQKLGPGSYNLKDFLEQLREK
 PCSTRGLLSSGEVRFRLTGNYYPGPGNYGEKGNPYTKLEENAWNRSHEGLMCRMSNKPHRPHQGSGL
 GPGTYFFKSDLETYVARSVGTRGPYDTFSGDRSKPLPYGHYSMQKKKPRELMNFKSFVEELNSHHNKKHG
 VFSKLPKRPKTPTERIYWANLSQCPRTLATSGPSFWLPQEKCKPYNQPPFLLTSKGSAGAKACQIMGWSW
 NPVGVGRYLNTWLMETKDRRQRYRSLFLSGSKRYLSDLARDMLMQRITPFTKGGCPPTVDYNSDPTP

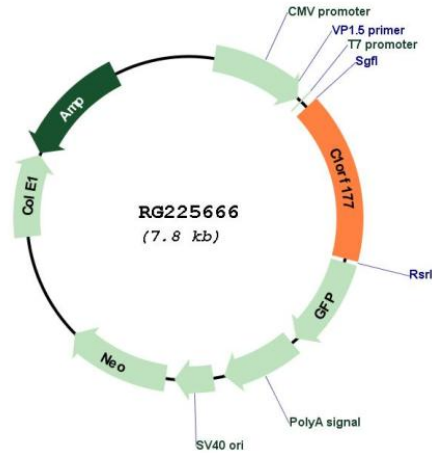
SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001110533

ORF Size:	1254 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:	<ol style="list-style-type: none">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_001110533.1 , NP_001104003.1
RefSeq Size:	1719 bp
RefSeq ORF:	1257 bp
Locus ID:	163747
UniProt ID:	Q3ZCV2
Cytogenetics:	1p32.3