

Product datasheet for **RG225265**

C17orf51 (NM_001113434) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf51 (NM_001113434) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C17orf51
Synonyms:	FLJ12977; FLJ31874; FLJ33618; FLJ38937; FLJ41148
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225265 representing NM_001113434 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAGAAAAATCACGACGGAAGGCCAGCCCTCGCCATGCAGACGGGAAGCTTGGCCGCACGTGTG
ATCACCCTTACGCCCCTTGGAGTTTACCCCCCTTCGCGGGCTCCAACAGCCTGGGTGAGGCTCCTTG
TCCTGTGTGGCCTCTCGGCTGCAAGAACACAGTCCCGAGCCCCGGCGAGCCGCGCCTCCACCCGC
CGTGCACAGGCTGCACTTACGCCCCAGCACTGCGCCTGCGGGACCATCTGGATCGCTTTCCATTCTGA
TGACGTCTGTACTTCGTGGCTGCAGGCTCCTCAAGCCCAGGTCTGTGCAGAGACGAGCAAAGCAGCAG
AATATCCGTGCCACAGCTTTCTGGTGCACCCATTTTACTACCAGATTTGGAAGGAACGAAGTTAAGTAAT
TTCCAAGAATCATCTCCCTGCCCCACAAACATGAAAGAAAAGACAAGAGAAGCACCCAGAAAGAGGAGG
GGAGAAGTGCCCCAGAAAAAATCATCCAGTCTCTGAAGCTTTGCCAGGTGGGCACAGGCCAGCCAGCCT
CTCCTCTGGTTGCCAGCTGGCTGCAGGCTGTCATTTAACCTTCCGCCAGCATGCTTTTGAGTGTGCAG
AAGTGCTGCATGCCCTCTTCTTTGAAAACCTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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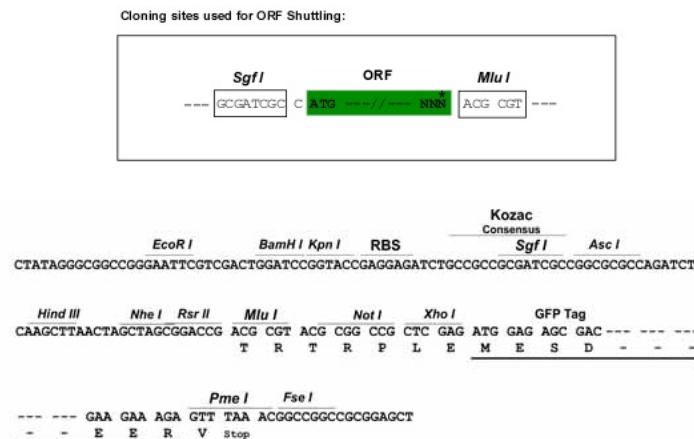
Protein Sequence: >RG225265 representing NM_001113434
 Red=Cloning site Green=Tags(s)

MGEKSRRKGPAPRHADGKLGRTCDHPYAPWSFTPSSRAPTAWVRPPCPVWASRLQEHSPEPRRARAPPTR
 RAQAALYAPALRLRDHLDRFSILMTSCTSWLQAPQAPGLCRDEQSSRISVPQLSGAPILLPDLEGTKLSN
 FQESSPLPHKHERKDKRSTPEEEGRSAPEKIIQSLKLCPPGHRPASLSSGCPAGCRLSFNLPPSMLLSVQ
 KCCMPSSLKTC

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001113434

ORF Size: 663 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.

RefSeq: [NM_001113434.2](#), [NP_001106905.1](#)

RefSeq Size: 3587 bp

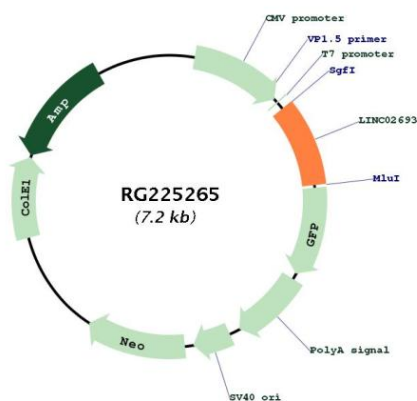
RefSeq ORF: 666 bp

Locus ID: 339263

UniProt ID: [A8MQB3](#)

Cytogenetics: 17p11.2

Product images:



Circular map for RG225265