

Product datasheet for **RG226560**

R3HCC1 (NM_001136108) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: R3HCC1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG226560 representing NM_001136108
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGACTCAGGGAACAGAGGACCTAAAGGGCCAGGACAAAGGTGTGAGAATGAGCCACTGCTGGACCTG
TTGGCCCTGAGCCTCTGGGCTGAGAGTCAGTCAGGAAGGAGACATGGTGGAGATGGCCACACGGTT
TGGGTCCACCCTGCAGCTAGACCTGGAAAAGGGGAAGGAGAGTCTGTTGGAGAAGAGGCTGGTGGCAGAG
GAGGAAGAGGACGAAGAGGAGGTGGAAGAGGATGGCCCCAGCAGCTGCTCGGAGGACGATTACAGTGAGC
TGCTGCAGGAGATCACAGACAACCTGACGAAGAAGGAGATTAGATAGAGAAGATCCATTTGGACACATC
CTCCTTCGTGGAGGAGCTGCCTGGAGAGAAGGACCTTGCCACGTGGTAGAGATCTATGACTTTGAACCA
GCGCTCAAGACGGAGGACCTGCTGGCAACGTTTTCTGAGTTCCAAGAGAAGGGTTTCAGGATTAGTGGG
TGGATGATACTCACGCACTCGGCATCTTTCCCTGCCTGGCCTCAGCTGCGGAAGCCCTGACCCGGGAGTT
CTCGGTGCTCAAGATCCGGCCCTCACACAGGAACCAAGCAGTCAAAGCTCAAAGCCTTGACAGAGGCCA
AAACTCCTGCGTCTGGTGAAGGAGAGGCCACAGACAAATGCGACTGTGGCCCGCGGCTGGTGGCCCGG
CCCTGGGACTCCAACACAAAAAGAGCGGCCTGCTGTCCGGGTCCGCTGCCGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG226560 representing NM_001136108
Red=Cloning site Green=Tags(s)

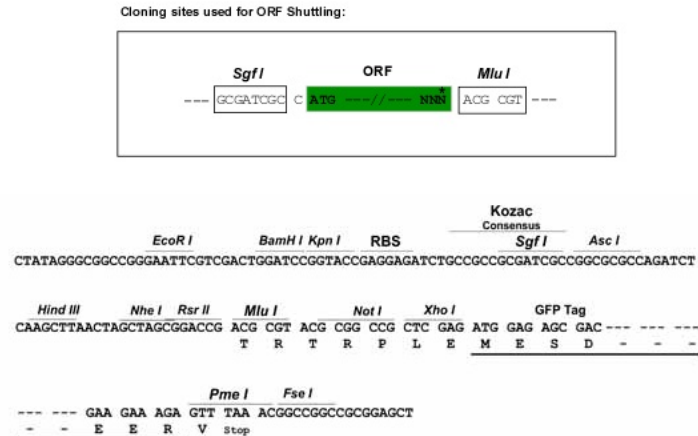
MTQGTEDLKGPGQRCENEPLDPVGPPEPLGPESQSGKDMVEMATRFGSTLQLDLEKGESLLEKRLVAE
EEDEEEVEEDGPSSCEDDYSELLQEITDNLTKKEIQIEKIHLDTSSFVEELPGEKDLAHVVEIYDFEP
ALKTEDLLATFSEFQEKGFRIQWDDTHALGIFPLASAAEALTRFSLVKIRPLTQGTKQSKLKALQRP
KLLRLVKERPQTNAVRRLLVARALGLQHKKKRPVARGPLPP

TRTRPLE - GFP Tag - V



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001136108

ORF Size: 759 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.

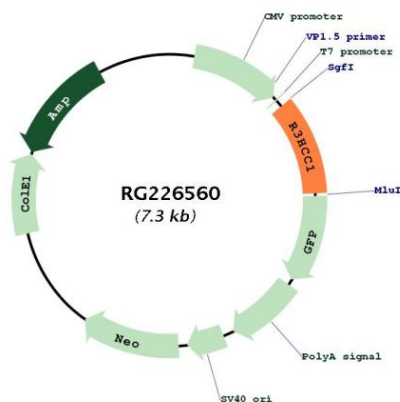
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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:	<u>NM_001136108.1, NP_001129580.1</u>
RefSeq Size:	1644 bp
RefSeq ORF:	1323 bp
Locus ID:	203069
UniProt ID:	<u>Q9Y3T6</u>
Cytogenetics:	8p21.3

Product images:


Circular map for RG226560