

## Product datasheet for **RG200157**

### **C17orf80 (NM\_017941) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C17orf80 (NM_017941) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C17orf80
Synonyms:	HLC-8; MIG3; SPEP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG200157 representing NM\_017941  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGTGATAATCCACCCAGAATGGAAGTGTGTCCTTACTGTAAGAAGCCATTTAAACGATTAATAATCCC  
 ACTTGCCATACTGTAAGATGATAGGACCAACCATACCTACTGATCAAAAAGTTTATCAGTCCAAGCCAGC  
 TACACTCCCACGTGCTAAAAAGATGAAAGGACCAATCAAAGATTTAATTAAGCTAAAGGAAAAGAGTTA  
 GAGACAGAGAATGAAGAAAGAAATTCTAAGTTGGTGGTGGACAAACCAGAACAGACAGTGAAGACCTTTC  
 CACTGCCAGCTGTTGGTTTGGAAAGAGCAGCTACTACAAAGGCAGATAAAGACATCAAGAATCCAATCCA  
 ACCATCCTTCAAATGTTAAAAATACTAAACCAATGACTACTTTCCAAGAAGAAACCAAGGCTCAGTTT  
 TACGCATCAGAGAAAACCTCTCCTAAAAGAGAACTTGCCAAAGATTTGCCTAAATCAGGAGAAAAGTCGAT  
 GTAATCCTTCAAGCTGGAGCGTCTTTACTGGTTGGCTCAATAGAACCTTCTTTGTCAAATCAAGATAG  
 AAAATATTCCTCAACTCTACCTAATGATGTACAACTACCTCTGGTGATCTCAAATTTGGACAAAATTTGAT  
 CCCCAAAGACAGGAACCTCTAGTAAAATTAAGTAGATGTGCTACTGGTGATTTGTCATATTTCTCAAAGA  
 ATGTCAGTGATGGGGTAAAAGGGTAAGAACATTATTAAGCAATGAGAGAGATTCCAAAGGCAGGGATCA  
 CCTCTCAGGAGTCCCTACTGATGTTACAGTTACTGAGACTCCAGAAAAGAACACAGAATCCCTCATTTTA  
 AGCCTTAAAATGAGCTCATTAGGTAATAAATCCAAGTCATGGAGAAAACAAGGAAAGGACTTACCCTGGGAG  
 TAGAGACGTGTGGGAGCAAAGGAAATGCAGAGAAAAGTATGCTGCAACAGAAAAGCAGGAACGGACTGT  
 CATGAGCCATGGCTGTGAGAATCAACACCAGGGATTCAGTACAGGAAAGGAGTCTCAAGGGGAAAGA  
 CCACATTTAAGTTTGTTCATTCCGAGGGAGACGACTTACCAGTTTCAATCTGTATCGCAGTCAAGTAGTC  
 AAAGCTTTCCTCTCTAGCTACAACATTTCTTCAAGAAAAGAAAAGCAGAAGCCAGACATAATTTGTGT  
 CCCTGATGTAAGGCATTAATGGAGAGTCCCAGGGACAGTTATCTCTGGAGCCCAAATCTGATAGTCAG  
 TTCCAAGCATCACACTGGGTGCCAGAGCCCTTTATGTTGAGCCAGCGTCACACTCCTCAGAGCCCT  
 TCACCAATCATGCTGCAGCTGCTGGCAGGAAGACTCTTCGAGCTGCATGGGGCTGGAGTGGTTCCAGA  
 GCTCTATCCTGGTTACCTTGGACTAGGGGTGTTGCCAGGGAAGCCTCAGTGTGGAATGCAATGACCCAG  
 AAGCCACAACCTTATCAGTCCCAGGGGAAAGACTCTCACAAAGTTTCTTTGTTGGAACGAAGCTCAACTC  
 ATATAAGGAGTTTGAACCCCTGCCGGACTTACAACCTCAACTCTCTCTAATGAGGCTCTTGGGAGC  
 TGTACAAAAGGCTGGATCAGGTGCAACACCACCATAAGGAAGAGTGGATTCGGTGGCATCACTATGCTC  
 TTCACAGGATACTTCGTCCTGTGTGTAGCTGGAGTTTCAGACGCTGAAAAAATTTGCGCGACCCCTGC  
 CCTGGAAGAGCACAGTACCTCCATGCATTGGTGTGGCGAAGACGACTGGGGATTGCCGCTCTAAAACATG  
 TTTGGAT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG200157 representing NM\_017941  
 Red=Cloning site Green=Tags(s)

MSDNPPRMEVCPYCKKPFKRLKSHLPYCKMIGPTIPTDQKVYQSKPATLPRAKMKGPIKDLIKAKGKEL  
 ETENEERNKSLVVDKPEQTVKTFPLPAVGLERAATTKADKDIKNPIQPSFKMLKNTKPMTTFQEETKAQF  
 YASEKTSKRELAKDLKSGESRCNPSEAGASLLVGSIEPSLSNQDRKYSSTLPNDVQTTSGDLKLDKID  
 PQRQELLVKLLDVPTGDCHISPKNVSDGVKRVRTLLSNERDSKGRDHL SGVPTDVTVTETPEKNTESLIL  
 SLKMSSLGKIQVMEKQEKGLTLGVETCGSKGNAEKSMSATEKQERTVMSHGCENFNTRDSVTGKESQGER  
 PHLSLFIPRETTYQFHVSQSLSLASSLATTFLQEKKAQAQNHNCVDPVKALMESPEGQLSLEPKSDSQ  
 FQASHTGCQSPLCSAQRHTPQSPFTNHAAAAGRKTLRSCMGLEWFPPELYPGYLGLGVLPGKPCWNAAMTQ  
 KPQLISPOGERLSQVSLLEERSSTHIRSLEPPAGLTTSNFSMLRLLGAVQKGWIRCNTTIRKSGFGGITML  
 FTGYFVLCCSWSFRLLKLCRPLPWKSTVPPCIGVAKTTGDCRSKTCLD

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_017941

**ORF Size:** 1827 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\\_017941.3](#), [NP\\_060411.2](#)

**RefSeq Size:** 2144 bp

**RefSeq ORF:** 1830 bp

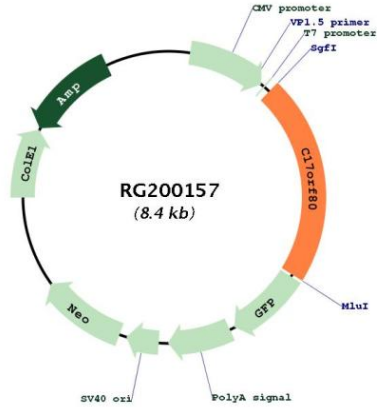
**Locus ID:** 55028

**UniProt ID:** [Q9BSJ5](#)

Cytogenetics: 17q25.1

Protein Families: Transmembrane

**Product images:**



Circular map for RG200157