

Product datasheet for **RG221968**

C17orf80 (NM_001100622) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf80 (NM_001100622) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RG221968 representing NM_001100622
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTGATAATCCACCCAGAATGGAAGTGTGTCCTTACTGTAAGAAGCCATTTAAACGATTAATAATCCC
 ACTTGCCATACTGTAAGATGATAGGACCAACCATACCTACTGATCAAAAAGTTTATCAGTCCAAGCCAGC
 TACACTCCCACGTGCTAAAAAGATGAAAGGACCAATCAAAGATTTAATTAAGCTAAAGGAAAAGAGTTA
 GAGACAGAGAATGAAGAAAGAAATTCTAAGTTGGTGGTGGACAAACCAGAACAGACAGTGAAGACCTTTC
 CACTGCCAGCTGTTGGTTTGGAAAGAGCAGCTACTACAAAGGCAGATAAAGACATCAAGAATCCAATCCA
 ACCATCCTTCAAATGTTAAAAATACTAAACCAATGACTACTTCCAAGAAGAAACCAAGGCTCAGTTT
 TACGCATCAGAGAAAACCTCTCCTAAAAGAGAAGTTGCCAAAGATTTGCCTAAATCAGGAGAAAAGTCGAT
 GTAATCCTTCAAGCTGGAGCGTCTTTACTGGTTGGCTCAATAGAACCTTCTTTGTCAAATCAAGATAG
 AAAATATTCTCAACTCTACCTAATGATGTACAACTACCTCTGGTGATCTCAAATTTGGACAAAATTGAT
 CCCCAAAGACAGGAACCTCTAGTAAAATTAAGTAGATGTGCCTACTGGTGATTTGTCATATTTCTCAAAGA
 ATGTCAGTGATGGGGTAAAAGGTAAGAACATTATTAAGCAATGAGAGAGATTCCAAAGGCAGGGATCA
 CCTCTCAGGAGTCCCTACTGATGTTACAGTTACTGAGACTCCAGAAAAGAACACAGAATCCCTCATTTTAA
 AGCCTTAAAATGAGCTCATTAGGTAAAATCCAAGTCATGGAGAAAACAAGGAAAGGACTTACCCTGGGAG
 TAGAGACGTGTGGGAGCAAAGGAAATGCAGAGAAAAGTATGTCTGCAACAGAAAAGCAGGAACGGACTGT
 CATGAGCCATGGCTGTGAGAAGTCAACACCAGGGATTCAAGTACAGGAAAGGAGTCTCAAGGGGAAAGA
 CCACATTTAAGTTTGTTCATTCCGAGGGAGACGACTTACCAGTTTCAATCTGTATCGCAGTCAAGTAGTC
 AAAGCTTGCCTCTAGCTACAACATTTCTTCAAGAAAAGAAAAGCAGAAGCCAGAAATCATAATTGTGT
 CCCTGATGTAAGGCATTAATGGAGAGTCCCGAGGGACAGTTATCTCTGGAGCCCAAATCTGATAGTCAG
 TTCCAAGCATCACACACTGGGTGCCAGAGCCCTTTATGTTGAGCCAGCGTCACACTCCTCAGAGCCCT
 TCACCAATCATGCTGCAGCTGCTGGCAGGAAGACTCTTCGAGCTGCATGGGGCTGGAGTGGTTTCCAGA
 GCTCTATCCTGGTTACCTTGGACTAGGGGTGTTGCCAGGGAAGCCTCAGTGTGGAATGCAATGACCCAG
 AAGCCACAACCTTATCAGTCCCAGGGGAAAGACTCTCACAAGTTTCTTTGTTGGAACGAAGCTCAACTC
 ATATAAGGAGTTTGAACCCCTGCCGGACTTACAACCTCAACTTCTCTAATGAGGCTCTTGGGAGC
 TGTACAAAAGGCTGGATCAGGTGCAACACCACCATAAGGAAGAGTGGATTCGGTGGCATCAGGATGCTC
 TTCACAGGATACTTCGTCCTGTGTGTAGCTGGAGTTTACAGCGTCTGAAGCTGCAGCGGTGGCGTAAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG221968 representing NM_001100622
 Red=Cloning site Green=Tags(s)

MSDNPPRMEVCPYCKKPFKRLKSHLPYCKMIGPTIPTDQKVYQSKPATLPRAKKMKGPIKDLIKAKGKEL
 ETENEERNKSLVVDKPEQTVKTFPLPAVGLERAATTKADKDIKNPIQPSFKMLKNTKPMTTFQEETKAQF
 YASEKTSFKRELAKDLKSGESRCNPSEAGASLLVGSIEPSLSNQDRKYSSTLPNDVQTTSGDLKLDKID
 PQRQELLVKLLDVPTGDCHISPKNVSDGVKRVRTLLSNERDSKGRDHLGVPDVTVTETPEKNTESLIL
 SLKMSSSLGKIQVMEKQEKGLTLGVETCGSKGNAEKSMSATEKQERTVMSHGCENFNTRDSVTGKESQGER
 PHLSLFIPRETTYQFHVSQSSQSLASLATTFLQEKKAQAQNHNCVDPVKALMESPEGQLSLEPKSDSQ
 FQASHTGCQSPLCSAQRHTPQSPFTNHAAAAGRKTLRSCMGLEWFPPELYPGYLGVLPGKPCWNAQTQ
 KPQLISPQGERLSQVSLLEERSSTHIRSLEPPAGLTTSNFSLMRLLGAVQKGWIRCNTTIRKSGFGGITML
 FTGYFVLLCCSWSFRRLKLRWRK

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001100622

ORF Size: 1749 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_001100622.3](#)

RefSeq Size: 2100 bp

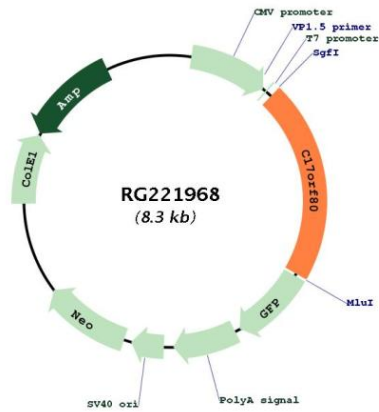
RefSeq ORF: 1752 bp

Locus ID: 55028

Cytogenetics: 17q25.1

Protein Families: Transmembrane

Product images:



Circular map for RG221968