

Product datasheet for **RG238943**

C17orf80 (NM_001288770) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf80 (NM_001288770) 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:

>RG238943 representing NM_001288770.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAGTGATAATCCACCCAGAATGGAAGTGTGCCTTACTGTAAGAAGCCATTTAAACGATTAATAATCC
CACTTGCCATACTGTAAGATGATAGGACCAACCATACCTACTGATCAAAAAGTTTATCAGTCCAAGCCA
GCTACACTCCCACGTGCTAAAAAGATGAAAGGACCAATCAAAGATTTAATTAAAGCTAAAGGAAAGAG
TTAGAGACAGAGAATGAAGAAAGAAATTCTAAGTTGGTGGTGGACAAACCAGAACAGACAGTGAAGACC
TTTCCACTGCCAGCTGTTGGTTTGGAAAGAGCAGCTACTACAAAGGCAGATAAAGACATCAAGAATCCA
ATCCAACCATCCTTCAAATGTTAAAAATACTAAACCAATGACTACTTTCCAAGAAGAAACCAAGGCT
CAGTTTTACGCATCAGAGAAAACCTCTCCTAAAAGAGAACTTGCCAAAGATTTGCCTAAATCAGGAGAA
AGTCGATGTAATCCTTCAGAAGCTGGAGCGTCTTACTGGTTGGCTCAATAGAACCTTCTTGTCAAAAT
CAAGATAGAAAAATTCCTCAACTCTACCTAATGATGTACAAACTACCTCTGGTGTCTCAAATTTGGAC
AAAATTGATCCCCAAAGACAGGAACCTTCTAGTAAAATTACTAGATGTGCCTACTGGTGTGTCATATT
TCTCCAAAGAATGTCAGTGATGGGGTAAAAGGGTAAGAACATTATTAAGCAATGAGAGAGATCCAAA
GGCAGGGATCACCTCTCAGGAGTCCCTACTGATGTTACAGTTACTGAGACTCCAGAAAAGAACACAGAA
TCCCTCATTTTAAAGCCTTAAAATGAGCTCATTAGGTAAAATCCAAGTCATGGAGAAAACAAGAAAGGA
CTTACCCTGGGAGTAGAGACGTGTGGGAGCAAAGGAAATGCAGAGAAAAGTATGTCTGCAACAGAAAAG
CAGGAACGGACTGTCATGAGCCATGGCTGTGAGAACTTCAACACCAGGGATTGAGTACAGGAAAGGAG
TCTCAAGGGAAAGACCACATTTAAGTTTGTTCATTCCGAGGGAGACGACTTACCAGTTTCATTCTGTA
TCGCAGTCAAGTAGTCAAAGTCTTGCCTCTAGCTACAACATTTCTTCAAGAAAAGAAAGCAGAAAGCC
CAGAATCATAATTGTGTCCCTGATGTAAGGCATTAATGGAGAGTCCCAGGGACAGTTATCTCTGGAG
CCCAAATCTGATAGTCAGTTCCAAGCATCACACTGGGTGCCAGAGCCCTTTATGTTCCAGCCAGCGT
CACACTCCTCAGAGCCCTTACCAATCATGCTGCAGCTGCTGGCAGGAAGACTTTCGAGCTGCATG
GGGCTGGAGTGGTTCCAGAGCTCTATCCTGGTTACCTTGGACTAGGGGTGTTGCCAGGGAAGCCTCAG
TGTTGGAATGCAATGACCCAGAAGCCACAACCTTATCAGTCCCCAGGGGAAAGACTCTCACAAGGCTGG
ATCAGGTGCAACACCACCATAAGGAAGAGTGGATTCGGTGGCATCAGATGCTCTTACAGGATACTTC
GTCCTGTGTTGTAGCTGGAGTTTACAGCGTCTGAAAAAATTGTGCCGACCCTGCCCTGGAAGAGCACA
GTACCTCCATGCATTGGTGTGGCGAAGACGACTGGGGATTGCCGCTCTAAAACATGTTTGGAT
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
  
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Protein Sequence:

>Peptide sequence encoded by RG238943
 Blue=ORF Red=Cloning site Green=Tag(s)

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MSDNPPRMEVCPYCKKPFKRLKSHLPYCKMIGPTIPTDQKVYQSKPATLPRAKKMKGPIKDLIKAGKE
LETENEERNSKLVVDKPEQTVKTFPLPAVGLERAATTKADKDIKNPIQPSFKMLKNTKPMFTFQEETKA
QFYASEKTSFKRELAKDLPKSGESRCNPSEAGASLLVGSIEPSLSNQDRKYSSTLPNDVQTTSGDLKLD
KIDPQRQELLVKLLDVPTGDCHI SPKNVSDGVKRVRTLLSNERDSKGRDHL SGVPTDVTVTETPEKNT
SLILSLKMSSLGKIQVMEKQEKGLTLGVETCGSKGNAEKSMSATEKQERTVMSHGCFNTRDSVTGKE
SQGERPHLSLFI PRETTYQFHVSQS SSSQSLASLATTFLQEKKAQAQNHNCVDPVKALMESPEGQLSLE
PKSDSQFQASHTGCQSPLCSAQRHTPQSPFTNHAAAAGRKTLRSCMGLEWFPPEL YPGYLGVLPGKPQ
CWNAMTQKPQLI SPQGERLSQGWIRCNTTIRKSGFGGITMLFTGYFVLLCCSWSFRRLKLCRPLPWKST
VPPCIGVAKTTGDCRSKTCCLD
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPE
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
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Restriction Sites:

SgfI-MluI

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).
RefSeq:	NM_001288770.2
RefSeq Size:	3721 bp
RefSeq ORF:	1722 bp
Locus ID:	55028
UniProt ID:	Q9BSJ5
Cytogenetics:	17q25.1
Protein Families:	Transmembrane
MW:	63.4 kDa