

Product datasheet for **RG238842**

C17orf80 (NM_001288771) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf80 (NM_001288771) 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:

>RG238842 representing NM_001288771.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAGTGATAATCCACCCAGAATGGAAGTGTGCCTTACTGTAAGAAGCCATTTAAACGATTAATAATCC
CACTTGCCATACTGTAAGATGATAGGACCAACCATACCTACTGATCAAAAAGTTTATCAGTCCAAGCCA
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CAGTTTTACGCATCAGAGAAAACCTCTCCTAAAAGAGAACTTGCCAAAGATTTGCCTAAATCAGGAGAA
AGTCGATGTAATCCTTCAGAAGCTGGAGCGTCTTACTGGTTGGCTCAATAGAACCTTCTTGTCAAAAT
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TGTTGGAATGCAATGACCAGAAGCCACAACCTTATCAGTCCCCAGGGGAAAGACTCTCACAAGGCTGG
ATCAGGTGCAACACCACCATAAGGAAGAGTGGATTGGTGGCATCAGGATGCTCTTACAGGATACTTC
GTCCTGTGTTGTAGCTGGAGTTTACAGCGTCTGAAGCTGCAGCGTGGCGTAAG
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
  
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Protein Sequence:

>Peptide sequence encoded by RG238842
 Blue=ORF Red=Cloning site Green=Tag(s)

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MSDNPPRMEVCPYCKKPFKRLKSHLPYCKMIGPTIPTDQKVYQSKPATLPRAKMKGPIDLIKAKGKE
LETENEERN SKL VVDKPEQTVKTFPLPAVGLERAATTKADKDIKNPIQPSFKMLKNTKPMTTFQEETKA
QFYASEKTS PKRELAKDLPKSGESRCNPSEAGASLLVGSIEPSLSNQDRKYSSTLPNDVQTTSGDLKLD
KIDPQRQELLVKLLDVPTGDCHISPKNVSDGVKRVRTLLSNERDSKGRDHLSGVPTDVTVTETPEKNTE
SLILSLKMSSLGKIQVMEKQEKGLTLGVETCGSKGNAEKSMSATEKQERTVMSHGCFNTRDSVTGKE
SQGERPHLSLFI PRETTYQFHVSQS SSSQSLASLATTFLQEKKAEQNHNCVPDVKALMESPEGQLSLE
PKSDSQFQASHTGCQSPLCSAQRHTPQSPFTNHAAAAGRKTLRSCMGLEWFP ELYPGYLGVLPGKPQ
CWNA MTQKPQLISPQGERLSQGWIRCNTTIRKSGFGGITMLFTGYFVLCSSWSFRRLKLQRWRK
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MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
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Restriction Sites:

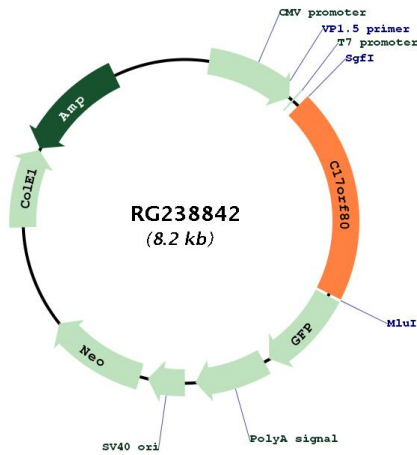
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:	NM_001288771
ORF Size:	1641 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).
RefSeq:	NM_001288771.2
RefSeq Size:	2168 bp
RefSeq ORF:	1644 bp
Locus ID:	55028
Cytogenetics:	17q25.1
Protein Families:	Transmembrane
MW:	61.3 kDa