

Product datasheet for **SC317917**

GPR177 (WLS) (NM_024911) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR177 (WLS) (NM_024911) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR177
Synonyms:	C1orf139; EVI; GPR177; mig-14; MRP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024911, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGGGGCAATTATAGAAAACATGAGCACCAAGAAGCTGTGCATTGTTGGTGGGATT
CTGCTCGTGTCCAAATCATCGCCTTTCTGGTGGGAGGCTTGATTGCTCCAGGGCCACA
ACGGCAGTGTCTACATGTCGGTGAAATGTGTGGATGCCCGTAAGAACCATCACAAGACA
AAATGGTTCGTGCCTTGGGGACCAATCATTGTGACAAGATCCGAGACATTGAAGAGGCA
ATCCAAGGAAATTGAAGCCAATGACATCGTGTTTTCTGTTTACATTTCCCTCCCCAC
ATGGAGATGAGTCTTGGTTCCAATTCATGCTGTTTATCCTGCAGCTGGACATTGCCTTC
AAGCTAAACAACCAATCAGAGAAAATGCAGAAGTCTCCATGGACGTTTTCCCTGGCTTAC
CGTGATGACGCGTTTGTGAGTGGACTGAAATGGCCCATGAAAGAGTACCACGAAAACCTC
AAATGCACCTTACATCTCCAAGACTCCAGAGCATGAGGGCCGTTACTATGAATGTGAT
GTCCTTCTTTTATGAAATTGGGTCTGTGGCCATAAGTTTTACCTTTTAAACATCCGG
CTGCTGTGAATGAGAAGAAGAAAATCAATGTGGGAATTGGGGAGATAAAGGATATCCGG
TTGGTGGGGATCCACAAAATGGAGGCTTACCAAGGTGTGGTTTCCATGAAGACCTTC
CTTACGCCAGCATCTTATCATTATGGTGTGGTATTGGAGGAGGATCACCATGATGTCC
CGACCCCAAGTGTCTTGAAAAAGTCATCTTTGCCCTTGGGATTCCATGACCTTTATC
AATATCCCAAGTGAATGGTTTTCCATCGGGTTGACTGGACCTGGATGCTGCTGTTTGGT
GACATCCGACAGGGCATCTTCTATGCGATGCTTCTGCTTCTGGATCATCTTCTGTGGC
GAGCAGATGATGGATCAGCACGAGCGGAACCACATCGCAGGGTATTGGAAGCAAGTCGGA
CCCATTGCCGTTGGCTCCTTCTGCCTCTTCATATTTGACATGTGTGAGAGAGGGGTACAA
CTCACGAATCCCTTCTACAGTATCTGGACTACAGACATTGGAACAGAGCTGGCCATGGCC
TTTCAGGTGTTTTCGGAACATCAGTGGGAAGCAGTCCAGCCTGCCAGCTATGAGCAAAGTC
CGGCGGCTACACTATGAGGGGCTAATTTTTAGGTTCAAGTTCCTCATGCTTATCACCTTG
GCCTGCGTGCATGACTGTCATCTTCTCATCGTTAGTCAGGTAACGGAAGGCCATTGG
AAATGGGGCGGCGTCACAGTCCAAGTGAACAGTGCCTTTTTACAGGCATCTATGGGATG
TGGAACTGTATGTCTTTGCTCTGATGTTCTGTATGCACCATCCATAAAAACTATGGA
GAAGACCAGTCCAATGGCGATCTGGGTGCCATAGTGGGGAAGAACTCCAGCTCACCACC
ACTATCACCCATGTGGACGGACCCACTGAGATCTACAAGTTGACCCGCAAGGAGGCCAG
GAG
    
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Restriction Sites: Please inquire

ACCN: NM_024911

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	<u>NM_024911.4</u> , <u>NP_079187.3</u>
RefSeq Size:	2767 bp
RefSeq ORF:	1626 bp
Locus ID:	79971
UniProt ID:	<u>Q5T9L3</u>
Cytogenetics:	1p31.3
Protein Families:	Transmembrane
Gene Summary:	<p>Regulates Wnt proteins sorting and secretion in a feedback regulatory mechanism. This reciprocal interaction plays a key role in the regulation of expression, subcellular location, binding and organelle-specific association of Wnt proteins. Plays also an important role in establishment of the anterior-posterior body axis formation during development (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.</p>