

Product datasheet for MC214463

Vwc2l (NM_177164) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Vwc2l

Synonyms: A830006F12Rik; Brl

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC214463 representing NM_177164
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCTTCATATTCATGAAGCTTGACATCTTCTATTGGTCATCCCTGGATTGGTCACCTCTGCTGCCA
TCAGTCACGAAGACTATCCTGCTGATGAAGGTGACCAGGCTTCAGTAATGACAATCTGATCTTTGATGA
CTATCGAGGGAAGGGTGTGTGGATGACAGCGGCTTTGTATACAAGTTGGGAGAACGGTTTTTCCCGGGG
CATTCCAACGTCCGTGTGTCTGTGCCCTAGATGGACCTGTCTGTGACCAGCCAGAATGCCCTAAAATTC
ATCCGAAATGTACAAAGGTGGAACACAATGGATGCTGTCCCGAATGTAAGAAGTGAAAACTTTTGTGA
ATATCATGGGAAAAATTACAAAATCTTGGAGGAATTTAAGCCCTCTCCATGTGAATGGTGTGCTGTGAG
CCCAGCAATGAAGTTCAGTGTGTGTAGCAGACTGCGCAGTTCCTGAGTGTGTCAACCAATCTATGAAC
CAGAGCAATGTTGCTGTCTGCAAAAATGGTCCAACTGCTTTCAGGAACTACAATAATTCAGCTGG
CATTGAAGTGAAAGTGGACGACTGTAACTCTGTCACTGTCAACGCGGACTGGTGGAAACCTGCTCAG
TGTTCAAAGCGCAATGCCAAGGCAAGCAGACTGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_177164

Insert Size: 669 bp



OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_177164.3, NP_796138.2</u>
RefSeq Size:	4655 bp
RefSeq ORF:	669 bp
Locus ID:	320460
UniProt ID:	<u>Q505H4</u>
Cytogenetics:	1 C3
Gene Summary:	May play a role in neurogenesis. May promote matrix mineralization (PubMed:22209847), but has been shown to weakly, but significantly inhibit BMP2 and BMP6 activity in a preosteoblastic cell line (PubMed:19852960).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).