

Product datasheet for **MC211358**

Veph1 (NM_028357) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Veph1 (NM_028357) Mouse Untagged Clone
Tag: Tag Free
Symbol: Veph1
Synonyms: 2810471M23Rik; Veph
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211358 representing NM_028357
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGAAGTTGCGTGCCAAAGCTGTTCTTTACCTGTTCTTTAAAGGGCCATTACTGCCTATACAGCAAGT
CCAGCTTCATCCTTGTCAGCCAAGCACCCAGCCGTGGATCCAGGTCATGTTTCTCTCCCAACAGAGCCT
GTTTCCTGAGCCCTGTCCATTCAGAGTGGGTCTGTGCAGTTCCTCAAAGCCCTATGGGAGAAAACGCAG
GACACGGGAGCGCACAGCTTTGAAGTCGCCATGACAGAGTCCACCTTTCCACAGCAGAAGGATCTGGAGC
AGCTTCAGCTCCATCTGGAAGAAGTGCAGTTCTTCGACGTGTTTGGCTCAGTAAAACAGCGGGGCATG
GCAGTGTTCATGTGCAACAACCCTGAAAAGGCAACTGTTGTAATCAAGATGGCCAGCCTCTCATCGAA
GGAAAACCTTAAGGAGAAACAAGTGAGGTGGAAGTTCATCAAGAGGTGAAAACGCATTATTTTACTG
CCGAAACCAACTTCTGTTTCAAAGGGGAAATCTAAGGATGACCCTGATGATTCCTCCGATAGAACTCAG
CAAGGTACAGAGCGTAAAAGCTGTGGCTAAGAAACGCCGGGACCCTCTCTGCCTCGGGCGTTTGAATC
TTCACAGATAGTAAGACCTATGTTTTCAAAGCCAAGGATGAGAAGAACGCAGAGGAATGGCTGCAGTGCA
TCAACGTGGCGCTGGCCAGGCAAAGGAGAGGGAAAGCCGAGAAGTAACCACATATCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028357
Insert Size: 762 bp



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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:	<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:	NM_028357.4 , NP_082633.1
RefSeq Size:	3221 bp
RefSeq ORF:	762 bp
Locus ID:	72789
Cytogenetics:	3 E1
Gene Summary:	Interacts with TGF-beta receptor type-1 (TGFBR1) and inhibits dissociation of activated SMAD2 from TGFBR1, impeding its nuclear accumulation and resulting in impaired TGF-beta signaling. May also affect FOXO, Hippo and Wnt signaling.[UniProtKB/Swiss-Prot Function]