

Product datasheet for **SC214335**

VEPH1 (NM_024621) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	VEPH1 (NM_024621) Human 3' UTR Clone
Symbol:	VEPH1
Synonyms:	MELT; VEPH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_024621
Insert Size:	1422 bp



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Insert Sequence: >SC214335 3'UTR clone of NM_024621
 The sequence shown below is from the reference sequence of NM_024621. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAAGTAGAGAAGTAACCACATATCTGTAGGGATTATAAGTCAGCCATGACAATTATACACCACAGGC
ATTGTATTATCATTGCCAATGTCAAGAAAAAGAGCTAAATTTACCAAGCCATGTTGTTTTTACTAAAT
ACCAATGGAATTGTTGTCTTTAAGAAGAAGGGCTAAAATGGCAGGATTCTTAGTAAATGTCATACTC
TAACAGCTTTAGTATTGACTTCAGAATATATCTGATGCCACAAAAATAAAATAAAAGGAGCTA
CAGAGTATGCCCTCAGATAGTGTGGGCCAGGAAGGAAAAGTCACTGATAAAAGAAGTCTGTAGATA
TGTCATTTAAACTGTGAGAAAACAACATGAAAAGATGCCTGAACTCTCCATCCTGAGGAAAGATTAGC
ACTTCTGATGAAAATCACAGTCTGTCAAAGGTATTAAGAAAAACTTTAAAAAAAAAACCTTTAGAAA
CGTTGAACTAATGTACACTGAGAAAAACCATATAACTTACTTATAGACATATAATTACATGATCCTCTC
TTACTACAAGTGGCTAACACATGGTAAAATGGTTCCCAATCAAGCCAGTTATGTCATTAATACTT
GTCTTTCAGAATTAATTTAATTATCCATTTAAGTTCATATAATATAATCTACAGTTTATAGACTT
GGACATATATCCTGCCAAGGCACTAAGTGAATATAGGAAAAGGATAGAAAGCCATTTTCTCTATCTT
CAAAAATATGTGCCATCTCCGTTAAAATTAAGACTTTAAAGTTCTATAATTTTTTCTTTGTATTCAACT
TTTTAATACCTCCAAATTACAAACATCTATTTTTTCACTACATAGATATATAATTACACTATGATAGA
CAGAATCTAGAGTGATTCTCAATAATCCATGCCTTGGTATAATCCTCTCCCCATTGAGTGTGGGTGG
GACATGTAACCTGCTTCTAACCAACAGAATATGGCAAAAGTATGAGGATCATCTCTCCATATTATGTT
ATGTTATATAACAAAAGTGAAGAGAAGTGCAGATATACATAAGGTTTCTAATCAGTACTTTGAGTT
AATCAAAGAGATCCCCTGGGTGGCCTGACCTAATCAGACTAGTCTTTAAAAGAGAGTGAACCAAGTCA
GAGACTCTCTCTCTATTAGCCTTAAATAAGCAAGCTGCCATGAGCTCTACGGCTGCAAGGAAATAAGT
TTTGTGAACAACCATGTGATCTTGAAGAAGCATCTGAACCTCAGATAAAAGCCAGCCCAAGCCCAACG
CCTTGCTTGACAGCTTTGTGAAACTCTGAGCAGAGGACCCAGCTAAATCACGTTTGGACTCCTGACCCAC
AGAACTTTAGATAATAAATGTATGCTGTTTTAAATCTAAA
ACGCGTAAAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_024621.2](#)

Summary: Interacts with TGF-beta receptor type-1 (TGFB1) and inhibits dissociation of activated SMAD2 from TGFB1, impeding its nuclear accumulation and resulting in impaired TGF-beta signaling. May also affect FOXO, Hippo and Wnt signaling.[UniProtKB/Swiss-Prot Function]

Locus ID: 79674

MW: 54.4