

Catalog Number: HG10700-M

General Information

Gene Bank Ref. ID : NM_000459.3

cDNA Size: 3375

Gene Name Synonym :

TIE2; VMCM; TIE-2; VMCM1; CD202B; TEK

Source: Human

Description

cDNA Description :

ORF Clone of Homo sapiens TEK tyrosine kinase, endothelial DNA.

Vector :

Commercial pMD vector.(Produced by TAKARA. More information:

<http://www.takara.com.cn/explain/L/pMD18-T Simple.pdf>)

Sequence Description :

Identical with the Gene Bank Ref. ID sequence except for the point mutation 2504T/C resulting in the amino acid Phe substitution by Ser.

Shipping

1. 5 - 10µg Plasmid DNA is shipped on Whatman FTA elute card (Catalog Number: WB120410) at room temperature.
2. It would take 3 - 5 days for delivery typically. For bulk orders, additional 1 - 2 weeks would be needed.

Usage Protocol

1. Remove the marked edge in the center of the spot.
2. Transfer the filter paper to a 1.5ml microfuge tube containing 50-100 µl of sterile H₂O. Ensure the filter is completely immersed in the H₂O by briefly centrifuging the tube for 10 seconds.
3. Transfer the tube to a heating block at 95°C for 15 - 30 min.
4. At the end of the incubation period remove the sample from the block and pulse vortex, or gently tap, the sample approximately 60 times.
5. Briefly centrifuge for 30 seconds, to separate the matrix from the elute. The elute now contains the purified DNA.

cDNA Sequence and Quality Control

Sequence :

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ATGGACTCTTTAGCCAGCTTAGTTCTCTGTGGAGTCAGCTTGCTCCTTTCTGGAA
CTGTGGAAGGTGCCATGGACTTGATCTTGATCAATTCCTACCTCTTGATCTGA
TGCTGAAACATCTCTCACCTGCATTGCCTCTGGGTGGCGCCCCATGAGCCCAT
CACCATAGGAAGGGACTTTGAAGCCTTAATGAACAGCACCAGGATCCGCTGG
AAGTTACTCAAGATGTGACCAGAGAATGGGCTAAAAAAGTTGTTTGAAGAGAG
AAAAGGCTAGTAAGATCAATGGTGCTTATTTCTGTGAAGGGCGAGTTTCGAGGAG
AGGCAATCAGGATACGAACCATGAAGATGCGTCAACAAGCTTCTCTCTACCAG
CTACTTTAACTATGACTGTGGACAAGGGAGATAACGTGAACATATCTTTCAAAA
GGTATTGATTAAGAAGAAGATGCAGTGATTTACAAAAATGGTTCTTCTATCCAT
TCAGTGCCCCGGCATGAAGTACCTGATATTCTAGAAGTACACTGCCTCATGCT
CAGCCCCAGGATGCTGGAGTGACTCGGCCAGGTATATAGGAGGAAACCTCTT
CACCTCGGCCCTTACCAGGCTGATAGTCCGGAGATGTGAAGCCCAGAAGTGGG
GACCTGAATGCAACCATCTCTGACTGCTTGATGAACAATGGTGTCTGCCATG
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TCACTATGAGGCTTGGCAACATATTCAAGTGACAAATGAGATTGTTACACTCAAC
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GAGTACGCGCCCATGGAACCTTCTGGACTTCTTCCGCAAGAGCCGTGTGCT
GGAGACGGACCCAGCATTTGCCATTGCCAATAGCACCGCTCCACACTGCTCT
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TGATGATGAGGTGTATGATCTAATGAGACAATGCTGGCGGGAGAAGCCTTATGA
GAGGCCATCATTTGCCAGATATTGGTGTCTTAAACAGAATGTGAGAGGAGCG
AAAGACCTACGTGAATACCCAGCTTATGAGAAGTTACTTATGCAGGAATTGAC
TGTCTGCTGAAGAAGCGGCTAG
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Quality Control:

The sequencing result is available upon request.