

Product datasheet for **SC211718**

TIE2 (TEK) (NM_000459) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TIE2 (TEK) (NM_000459) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TEK
Synonyms: CD202B; GLC3E; TIE-2; TIE2; VMCM; VMCM1
ACCN: NM_000459
Insert Size: 972 bp
Insert Sequence: >SC211718 3'UTR clone of NM_000459
The sequence shown below is from the reference sequence of NM_000459. 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
ATTGACTGTTCTGCTGAAGAAGCGGCCTAGGACAGAACATCTGTATACCCTCTGTTTCCCTTCACTGG
CATGGGAGACCCTTGACACCTGCTGAGAAAACATGCCTCTGCCAAAGGATGTGATATATAAGTGACAT
ATGTGCTGTACACCTGGGACCTTACCACCTGTAGATCCCATGCATGGATCTATGTAGTATGCTCTGACT
CTAATAGGACTGTATATACTGTTTTAAGAATGGGCTGAAATCAGAATGCCTGTTTGTGGTTTCATATGC
AATAATATATTTTTTAAAAATGTGGACTTCATAGGAAGGCGTGAGTACAATTAGTATAATGCATAACT
CATTGTTGCTCCTAGATATTTTATATTTACCTTTATGTTGAATGCTATTAATGTTTTCTGTGTCAAA
GTAAAATATTGTTAATAAACCTAACAATGACCCTGATAGTACAGGTTAAGTGAGAGAACTATATGAATT
CTAACAAGTCATAGGTTAATATTTAAGACACTGAAAAATCTAAGTGATATAAATCAGATTCTTCTCTCT
CAATTTTATCCCTCACCTGTAGCAGCCAGTCCCGTTTCATTTAGTCATGTGACCACTCTGTCTTGTGTT
TCCACAGCCTGCAAGTCAGTCCAGGATGCTAACATCTAAAAATAGACTTAAATCTCATTGCTTACAAGC
CTAAGAATCTTTAGAGAAGTATACATAAGTTTAGGATAAAAATAATGGGATTTTCTTTTCTTTCTCTGG
TAATATTGACTTGTATATTTAAGAAATAACAGAAAGCCTGGGTGACATTTGGGAGACATGTGACATTT
ATATATTGAATTAATATCCCTACATGTATTGCACATTGTAAGTTTATGTTTTGATGAGTTGTGAGT
TTACCTTGTATACTGTAGGCACACTTTGCACTGATATATCATGAGTGAATAAATGTCTTGCTACTCAC
GTCTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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_000459.5
Summary:	This gene encodes a receptor that belongs to the protein tyrosine kinase Tie2 family. The encoded protein possesses a unique extracellular region that contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. The ligand angiopoietin-1 binds to this receptor and mediates a signaling pathway that functions in embryonic vascular development. Mutations in this gene are associated with inherited venous malformations of the skin and mucous membranes. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Feb 2014]
Locus ID:	7010
MW:	37.4