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Product datasheet for SC206266

TIE1 (NM_005424) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TIE1 (NM_005424) Human 3' UTR Clone
Symbol:	TIE1
Synonyms:	JTK14; LMPHM11; TIE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005424
Insert Size:	416 bp
Insert Sequence:	>SC206266 3'UTR clone of NM_005424 The sequence shown below is from the reference sequence of NM_005424. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGCATTGATGCCACAGCTGAGGAGGCCTGAGCTGCCATCCAGCCAGAACGTGGCTCTGCTGGCCGGAGC AAACTCTGCTGTCTAACCTGTGACCAGTCTGACCCTTACAGCCTCTGACTTAAGCTGCCTCAAGGAATT TTTTTAACTTAAGGGAGAAAAAAAGGGATCTGGGGATGGGGTGGGCTTAGGGGAACTGGGTTCCCATGC TTTGTAGGTGTCTCATAGCTATCCTGGGCATCCTTCTTTCTAGTTCAGCTGCCCCACAGGTGTGTTTCC CATCCCACTGCTCCCCCAACACAAACCCCCACTCCAGCTCCTTCGCTTAAGCCAGCACTCACACCACTA ACATGCCCTGTTCAGCTACTCCCACTCCCGGCCTGTCATTCAGAAAAAAATAAATGTTCTAATAAGCTC CA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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.

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RefSeq:	NM_005424.5
Summary:	This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
Locus ID:	7075
MW:	14.7