

Product datasheet for **MC218258**

Tie1 (BC060182) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tie1 (BC060182) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tie1
Synonyms:	D430008P04Rik; TIE; tie-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC060182
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTCTGGTGGGATCCTCTTTGCTGCTCCCACTCTTTTCTTGGCCTCTCATGTTGGTGCCTGTTG
ACTTAACATTGCTGGCAACCTGCGCATCACAGACCCCAAGCGTTTCTTCTGACCTGCGTGTCTGGTGA
GGCCGGAGCAGGAGGAGCTCGGACCCGCCCTGCTGCTGGAGAAGGATGATCGCATCGTGCCACCTTC
CCGCTGGCAGCCCTGTACCTGGCACGCAACGGTTCTCACCAGGTACGCTGAGGGGCTTCTCCAAGC
CCTCGGATTTGGTAGGCGTCTTCTCTGTGTGGGTGGTGTGGCGCGGGCGCACTCGAGTTCTCTATGT
GCACAACAGCCCAGGGGCACACCTGTTTCCAGACAAGGTACACACACGGTGAACAAAGGTGACTGCT
GTGCTTTCTGCCATGTGCACAAGGAAAAGCAGACTGACGTGATCTGGAAGAACAACGGATCCTACTTCA
ATACCCTAGACTGGCAAGAGGCCGATGACGGGCGTTTTCAACTGCAGCTCCAAAATGTACAGCCACCATC
AAGTGGCATCTACAGTGCACCTACCTAGAGGCCAGCCCTGGGCAGTGCCTTCTTTCGGCTCATCGTG
CGAGGCTGTGGGCTGGACGCTGGGGGCCAGGATGTGTCAAGGATTGCCAGGCTGCCTGCATGGAGGTG
TCTGTCATGACCATGATGGCAATGTGTGTGTCCCCAGGATTCCTGGACCCCGCTGTGAGCAGGCCTG
CAGGGAGGGTCTTTTGGACAGAGCTGTGAGAACAGTCCCAGGCACAGCAGGTTGTAGAGGTCTCACC
TTCTGCCTCCCGATCCCTATGGCTGTTCTGTGGATCTGGTGGAGAGGAAGCCAGTGCAGGAAGCAT
GTGCACCTGGTCATTTTGGGGCTGATTGTGCGCTCCAGTGCAGTGTCAAATGGTGGCACTTGTGACCG
GTTGAGCGGCTGCGTCTGCCCTCTGGGTGGCATGGAGTCCAGTGTGAAAAGTCAAGCCGATCCCCAG
ATCCTCAGTATGGCCACAGAGGTGGAGTCAACATAGGGACGATGCCCGGATCAACTGTGCAGCTGCCG
GGAATCCCTTCCAGTGCGGGGCAGCATGAAACTTCGCAAGCCAGATGGCACCATGCTTTTGTCTACCAA
AGTCATTGTGGAGCCAGACAGGACCACAGCAGAGTTTGAAGTGCCAGTTTGACTCTTGGGGACAGTGGG
TTCTGGGAATGCCGCGTATCGACTTCTGGTGGCAAGACAGCCGGCGCTTCAAGGTCAATGTCAAAGTAC
CCCCAGTGCCTTTGACTGCACCTCGACTCCTGGCCAAGCAGAGCCGTGAGCTTGTGGTCTCCCACTGGT
CTCCTTTAGTGGGGATGGACCCATCTCCTGTGCGCCTGCACTACCGGCCCCAGGACAGCAGATTGCC
TGGTCTGCCATTGTGGTGGATCCAGTGAAGTGTGACATTAATGAACCTGAAGCCAAAGACAGGATACA
ATGTCCGAGTGCAGCTGAGCCGGCCAGGGGAAGGAGGAGAAGGAGGCTGGGGACCTTCTGCCCTTATGAC
TACTGACTGTCTGAGCCTTTGCTGCAGCCCTGGCTAGAGAGCTGGCACGTGGAGGGTCTGACAGGCTC
CGTGTGAGCTGGTCTCTACCCTCGGTGCCACTGTCCGGTGTGGTTTCTGCTGCGCCTGTGGGATGGGG
CCCGGGGACAGGAGAGGGGGGAGAACATCTCATTCCCCAGGCCGCACTGCCCTCTGACTGGACTCAC
GCCGGGACCCACTACCAGCTGGATGTGCGACTGTATCACTGTACCCTCCTGGGCCCTGCCTCACCCCT
GCGCATGTGCACCTGCCCCAGCGGTAGGCCACTCTGGGAAGGATGGGCTAG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC060182
Insert Size: 1944 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	BC060182 , AAH60182
RefSeq Size:	4259 bp
RefSeq ORF:	1943 bp
Locus ID:	21846
Cytogenetics:	4 54.67 cM
Gene Summary:	Transmembrane tyrosine-protein kinase that may modulate TEK/TIE2 activity and contribute to the regulation of angiogenesis.[UniProtKB/Swiss-Prot Function]