

Product datasheet for MC223686

Tie1 (NM_011587) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tie1 (NM_011587) 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
Fully Sequenced ORF: >MC223686 representing NM_011587
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCTGGTGGGGATCCTCTTTGCTGCTCCCACTCTTTTCTTGGCCTCTCATGTTGGTGGCTGTGTTG
 ACTTAACATTGCTGGCCAACCTGCGCATCACAGACCCCGAGCGTTTCTTCTGACCTGCGTGTCTGGTGA
 GGCCGGAGCAGGGAGGAGCTCGGACCCGCCCTGCTGCTGGAGAAGGATGATCGCATCGTGCCACCTTC
 CCGCCTGGGCAGCCCTGTACCTGGCACGCAACGGTTCTCACCAGGTACGCTGAGGGGCTTCTCCAAGC
 CCTCGGATTTGGTAGGCGTCTTCTCCTGTGTGGGTGGTGTGGCGCGGGCGCACTCGAGTTCTCTATGT
 GCACAACAGCCCAGGGGCACACCTGTTTCCAGACAAGGTCACACACACGGTGAACAAAGGTGACACTGCT
 GTGCTTTCTGCCCATGTGCACAAGGAAAAGCAGACTGACGTGATCTGGAAGAACAACGGATCCTACTTCA
 ATACCCTAGACTGGCAAGAGGCCGATGACGGGCGTTTTCAACTGCAGCTCCAAAATGTACAGCCACCATC
 AAGTGGCATCTACAGTGCCACCTACCTAGAGGCCAGCCCTGGGCGTGCCTTCTTTGGCTCATCGTG
 CGAGGCTGTGGGCTGGACGCTGGGGGCCAGGATGTGTCAAGATTGCCAGGCTGCATGGAGGTG
 TCTGTCAATGACCATGATGGCGAATGTGTGTGTCCCCAGGATCACTGGCACCCGCTGTGAGCAGGCTG
 CAGGGAGGGTCGTTTTGGACAGAGCTGTCAAGAACAGTCCCAGGCACAGCAGGTTGTAGAGGTCCTACC
 TTCTGCCTCCCGATCCCTATGGCTGTTCTGTGGATCTGGCTGGAGAGGAAGCCAGTGCCAGGAAGCAT
 GTGCACCTGGTCATTTTGGGGCTGATTGTGCGCTCCAGTGCCAGTGTCAAATGGTGGCACTTGTGACCG
 GTTCAGCGGCTGCGTCTGCCCTCTGGGTGGCATGGAGTCCACTGTGAAAAGTCAGACCGGATCCCCAG
 ATCCTCAGTATGGCCACAGAGGTGGAGTTCAACATAGGGACGATGCCCGGATCAACTGTGCAGTGGCCG
 GGAATCCCTTCCAGTGCGGGGCAGCATGAAACTTCGCAAGCCAGATGGCACCATGCTTTTGTCTACCAA
 AGTCATTGTGGAGCCAGACAGGACCACAGCAGAGTTTGAAGTGCCAGTTTGACTCTTGGGGACAGTGGG
 TTCTGGGAATGCCGCGTATCGACTTCTGGTGGCCAAGACAGCCGGCGCTCAAGGTCAATGTCAAAGTAC
 CCCAGTGCCTTTGACTGCACCTCGACTCCTGGCCAAGCAGAGCCGTGAGCTTGGTCTCCCCACTGGT
 CTCTTTAGTGGGGATGGACCATCTCCTCTGTCCGCTGCACTACCGGCCCCAGGACAGCAGATTGCC
 TGGTCTGCCATTGTGGTGGATCCAGTGAGAATGTGACATTAATGAACCTGAAGCCAAAGACAGGATACA



ATGTCCGAGTGCAGCTGAGCCGGCCAGGGGAAGGAGGAGAAGGAGGCTGGGGACCTTCTGCCCTTATGAC
TACTGACTGTCCTGAGCCTTTGCTGCAGCCCTGGCTAGAGAGCTGGCACGTGGAGGGTCTGACAGGCTC
CGTGTGAGCTGGTCTCTACCCCTCGGTGCCACTGTCCGGTATGGTTTCTGCTGCGCCTGTGGGATGGG
CCCGGGGACAGGAGAGCGGGGAGAACATCTCATTCCCCAGGCCCGCACTGCCCTCTGACTGGACTCAC
GCCGGGACCCACTACCAGCTGGATGTGCGACTGTACTGTACCCTCCTGGGCCCTGCCTCACCCCT
GCGCATGTGCACCTGCCCCCAGCGGGCTCCAGCTCCCCGCCACCTCCATGCCAGGCCCTCTCAGACT
CTGAGATTCAACTCATGTGGCAGCATCCGAGGCTCCGCTGCGCCTATATCCAAGTACATCGTGGAGAT
TCAGGTGGCCGGGGCTCAGGAGACCCACAGTGGATGGATGTAGACAGGCCCGAGGAGACAAGCATTATT
GTTCTGCGCCTCAATGCTAGCACACGATATCTTTTCCGTGTGCGGGCCAGTGTGACAGGCTTGGCGACT
GGAGCAATACAGTAGAAGAGGCCACTCTGGGCAATGGGCTGCAGAGTGGAGGGCCAGTCCGAGAAAGCCG
GGCAGCTGAAGAAGGCCCTGGATCAGCAGCTGGTCTGGCTGTGGTGGTCCGTCTCTGCCACTGCCTC
ACCATCTGGCTGCCCTTTAGCCTTGGTGTGTATCCGAAGAAGCTGCCTACATCGGAGACGCACCTTCA
CTTACCAGTCAGGATCGGGTGAAGAGACCATCTCGACTTCAGCTCAGGGACCTTGACCTTGACCCGGCG
ACCGAAGCCACAGCCTGAGCCCTTGAGTTACCCCGTGTGGAGTGGGAGGACATCACCTTTGAGGACCTC
ATAGGGGAGGGCAACTTTGGCCAAGTATCCGGGCCATGATCAAGAAGGACGGGCTCAAGATGAACGCAG
CCATCAAGATGCTAAAAGAGTATGCGTCTGAAAATGACCATCGAGACTTTGCAGGTGAACCTAGAAGTCT
GTGCAAACTAGGACACCACCCCAATATTATCAACCTCTTGGGGGCTGTGAGAACCAGAGGCTACTTGTAT
ATTGCTATCGAATACGCCCCCTATGAAAACCTACTGGACTTCTGAGAAAAGAGCAGGGTCTGGAGACTG
ATCCAGCTTTTGTCTGAGAGCATGGGACGGCCTCCACACTCAGCTCTCGGAGCTGCTGCGCTTTGCCAG
TGATGCAGCCAACGGCATGCAGTACCTTAGTGAGAAGCAGTTCATTACAGGGACCTGGCTGCCCGAAAT
GTGCTGGTCCGAGAGAACCTGGCCTCCAAGATTGCAGACTTTGGCCTTTCTCGAGGGGAGGAGGTGTATG
TGAAGAAGACAATGGGCCGTCTCCCTGTGCGTTGGATGGCCATTGAGTCCCTCACTACAGCGTCTATAC
CACCAAGAGTGTCTGGTCTTTGGGTCCTCCTCTGGGAGATAGTGAGCCTTGAGGACAGCCCTAC
TGTGGCATGACCTGTGCTGAGCTCTACGAGAAGCTGCCTCAAGGCTATCGCATGGAGCAGCCTCGAAACT
GCGATGACGAAGTGTACGAGCTGATGCGCAGTGTGGCGGATCGGCCCTATGAGCGCCCCCTTTGTC
TCAGATCGCACTACAGTTGGCCGCATGCTGGAAGCCAGGAAGGCCTACGTGAACATGTCGCTGTTGAG
AACTTCACCTATGCGGGCATCGATGCCACAGCTGAGGAGGCC**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_011587
- Insert Size:** 3405 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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:**
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:	<u>NM_011587.2, NP_035717.2</u>
RefSeq Size:	3883 bp
RefSeq ORF:	3405 bp
Locus ID:	21846
UniProt ID:	<u>Q06806</u>
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]