

Product datasheet for **MC218852**

Tcam1 (NM_029467) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcam1 (NM_029467) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcam1
Synonyms:	4930570F09Rik; AI429105
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218852 representing NM_029467
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAATGCTTCTGTTGGGTGTCTGGACACTGCTGGCCTTGATCCCTTGTCAGGGGCCGCCGAGGAGC
 TGTTTCAGGTATCTGTCCATCCAAATGAGGCCCTGGTAGAGTTTGACACTCCCTAACTGTCAACTGCAG
 TACCACCTGCCAGACCCTGGGCCAGTGAATCGAGACCTTCTTAAAGAAAACCCAGCTAAGCAAAGGG
 TCCAGTGAAGGAGTTTCTCTGGAGGACATCACAGAGGACTTGGTGTGCAGTCTTCTCTCTGTG
 CAGGGGAGCAGAAGGACACCGTGTCTGCTATCACCATGTACCAGCCACCAGAGCAGGTGATACTGGACCT
 GCAGCCTGAATGGGTGGCCGTGGATGAAGCCTTACAGTACGTGTGTGTACCTAGTGTGGCACCCTG
 CAGAGCCTCACCTTACCCTCCTCAGGGTGACCAAGAAGTGCACAGAAAAGACTTCTAAGTTTATCTT
 TGGTATCCCAAAGAGCCGAGGTACCGCCACTGTCAGAGCCACCGGGACAATGACAGGCGTAATTTCTC
 CTGCCGAGCAGAAGTGGATCTGAGCCACATGGTGGGGGTTGTTTACGGCAGCTCAGCCACCAAGCAA
 CTCCGGATCTTTGAATCTCTCAGAATCCCGAGATCTGGGTGCCTTCACTCCTGGAGTTGGGAAGGCAG
 AGATTGTGAGCTGTGAGGTGACCAGAGTATTTCCAGCCAGGAAGCTGTCTTCCGAATGTTCTGGGAAG
 CCAGGAGCTGAGCCCTTCTCGTCTGGAGGGAAGATGCAGCGTGGGCCAGTGCCACCATTAGGCCATG
 GAGACTGGTGACCAGGAAGTACTTGCCTTGTGTCTCTGGGTCCCGTGGAGCAGAAAACAAGGAAACCG
 TTTATGTCTACAGTTTCCCTCCACCAATCCTGGAGATAGAAGATGCTTACCCTCTGGCAGGGACGGACGT
 TAATGTGACCTGCTCAGGTACGTGTTAACATCACCTAGCCCTACTCTTCGGCTTCAGGGATCCCTAAAC
 CACTCTGCCCTGGGAAGCCTGCCTGGCTTCTGTTTACTGCCAGGGAGGAAGATGATGGCCGACTCTGT
 CTTGCGAGGCCTCTTTGGAGGTACAGGGCCAGCGACTGGTCAGGACCACAGAGAGCCAGTTCATGTCTT
 ATACAAGCCAAGGTTTCAGGAATCCCGCTGCCCTGGCAACCAGATATGGGTAGAAGGGATGCATCAGATG
 CTTGCCTGCATCCAGAGGGAATCCAACCTCCGGTTTTGGTGTGTGTCTGGAATGGGATGATCTTTGACC
 TTGATGTACTCAGAAGGCCACCCAGAACCACACGGGGACCTACTGCTGCACAGCCACCAACCCACTAGG
 CTCCGTGAGCAAGACATCACTATCATTGTCCAAGGCCTGCCTGAGGGCATCAGCTCCTCCACCATCTTC
 ATTATCATCATTTTACCCTGGGCATGGCTGTGATCACTGTAGCATTATACCTGAACTACCAGCCCTGCA
 AAGGAAACAGTAGGAAACGGATGCACAGGCCGCGGGAGCAAGCAAGGGCGAGGAGTCAAGTCTCTGA
 CATTGGGCGGAGGAATGCCACGCGCATCTCTG**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_029467
- Insert Size:** 1647 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: [NM_029467.3](#), [NP_083743.2](#)

RefSeq Size: 2985 bp

RefSeq ORF: 1647 bp

Locus ID: 75870

Cytogenetics: 11 68.89 cM