

Product datasheet for **MC207908**

Tmeff1 (NM_021436) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmeff1 (NM_021436) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmeff1
Synonyms:	A830033E11; M7365; TR-1; Tr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207908 representing NM_021436 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCGCCAGGCGCCGCTCCGGCTGCCGGCCGCGCCCCGCTCGCCGCTCGGGCTACACGTCGGTGC
TTCTGCTCTTCGCTTCTGCCTGCCCGGAGCCGCGCTCAACCAGCCCGGGCGCGCGGGGACTG
TCCGGGAGGCAGAGGCAAGAGCAACTGCTCAGAATTAATCTGAGAGAATCTGACATCAGAGTGTGTGAT
GAATCATCTTGTAAATATGGAGGTGTCTGCAAAGAAGATGGAGATGGTTTGAAATGCGCATGCCAGTTTC
AGTGCCATACAAATTACATCCCTGTCTGTGGGTCAAACGGGGACACCTACCAGAATGAGTGCTTTCTCAG
GAGGGCTGCTTGAAGCACCAGAAAGACATAACCGTGGTGGCGCGTGGACCTTGCTACTCTGATAACGGC
TCTGGATCTGGAGAAGGAGAGGAGGAAGGCTCAGGAGCAGGGGCTCACAGGAAACATTCCAAGTGTGGAC
CGTGCAAGTACAAGCCGAGTGTGACGAGGATGCGGAGAACGTTGGGTGTGTATGTAATATAGACTGCAG
TGGGTACAGCTTTAACCTGTGTGCGCTCCGACGGGAGTTCTATAACAATCCCTGTTTCGTCAGGAA
GCGTCGTGTATAAAGCAAGAACAGATCGACATAAGGCATCTCGGCCACTGCACAGACACAGATGATGTGA
GTTTATTGGGAAAGAAGGACGACGGGTCAGTATCGGCCAGATGTGAAAGATGCAGGTGATGAAAGGGA
AGATGTTTATATCGGAAGCCACATGCCTTGCCCTGAAAACCTCAATGGTACTGCATCCATGGGAAATGT
GAATTCATCTACTCTACTCAGAAGGCTCTTGTAGATGTGAATCTGGTTACACTGGACAGCACTGTGAGA
AGACGGACTTTAGTATTCTCTATGTAGTACCAAGTAGGCAGAAGCTCACCCATGTTCTTATCGCAGCCAT
TATTGGAGCAGTACAGATCGCCATTATAGTAGCAATCGTCATGTGCATAACAAGGAAATGCCCAAGAAC
AATAGAGGGCGGAGGCAGAAGCAGAACCTGGGTCAATTTACTTCAGACACTTCATCCAGAATGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_021436



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Insert Size:	1119 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:	<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:	<u>NM_021436.2</u> , <u>NP_067411.1</u>
RefSeq Size:	2442 bp
RefSeq ORF:	1119 bp
Locus ID:	230157
UniProt ID:	<u>Q6PFE7</u>
Cytogenetics:	4 B1
Gene Summary:	May inhibit NODAL and BMP signaling during neural patterning.[UniProtKB/Swiss-Prot Function]