

Product datasheet for **SC322134**

TMEFF1 (NM_003692) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEFF1 (NM_003692) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEFF1
Synonyms:	C9orf2; CT120.1; H7365; TR-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322134
 AGCGGGCGGCTGCTAGGAGGCACCGAGGCAGCGCGGGGCTCTGGGCGCGCGGCTGGATG
 CCCCCGGCCTGCGGCTCCCTGCGCTTCCCGCCGTCCAGGGGCACCAAGTCATGGGCGCCGC
 AGCCGCTGAGGCGCCGCTCCGGCTGCGCTGCCGCGCCTCCGCTCGCCTTCTGCTGTACAC
 GTCCGTGCTTCTGCTCTTCGCTTCTCTGCCAGGGAGCCGCGCGTCCAACAGCCCC
 GGGTGGTGGCGGCGCAGCGCGGGGACTGTCCCGCGGCAAAGGCAAGAGCATCAACTG
 CTCAGAATTAATGTGAGGGAGTCTGACGTAAGAGTTTGTGATGAGTCATCATGTAATA
 TGGAGGAGTCTGTAAAGAAGATGGAGATGGTTTGAATGTGCATGCCAATTTTCAGTGCCA
 TACAAATTATATCTGTCTGTGGATCAAATGGGGACACTTATCAAAATGAATGCTTTCT
 CAGAAGGGCTGCTGTAAAGCACCAGAAAGAGATAACAGTAATAGCAAGAGGACCATGCTA
 CTCTGATAATGGATCTGGATCTGGAGAAGGAGAAGAGGAAGGGTCAGGGGCAGAAGTTCA
 CAGAAAACACTCCAAGTGTGGACCCTGCAAAATAAAGCTGAGTGTGATGAAGATGCAGA
 AAATGTTGGGTGTATGTAATATAGATTGCAGTGGATACAGTTTTAATCCTGTGTGTGC
 TTCTGATGGGAGTTCCTATAACAATCCCTGTTTTGTTGAGAAGCATCTGTATAAAGCA
 AGAACAAATTGATATAAGGCATCTTGGTATTGCACAGATACAGATGACACTAGTTTGT
 GGGAAAGAAAGATGATGGACTACAATATCGACCAGATGTGAAAGATGCTAGTGTCAAAG
 AGAAGATGTTTATATTGAAACCACATGCCTTGCCTGAAAACCTCAATGGTTACTGCAT
 CCATGGAAAATGTGAATTCATCTATTCTACTCAGAAGGCTTCTTGTAGATGTGAATCTGG
 CTACACTGGACAGCACTGTGAAAAGACAGACTTTAGTATTCTCTATGTAGTGCCAAGTAG
 GCAAAAGCTCACTCATGTTCTTATTGCAGCAATTATTGGAGCTGTACAGATTGCCATCAT
 AGTAGCAATTGTAATGTGCATAACAAGAAAATGCCCAAAAACAATAGAGGACGTCGACA
 GAAGCAAAACCTAGGTCATTTTACTTCAGATACGTCATCCAGAATGGTTTAAACTGATGA
 CTTTTATATGTACACTGACCATGTGATGTACATTTATTATGTCTTTTTTTTAAAGAATGGA
 AATATTTTATTTTCAGAGGCCTTATTTTTGGACATTTTTTAGTGTAGTACTGTTGGCTCGTAT
 TTAGAATATTCAGCTACGACAGTTTTGGACTGTTTAGTAGTCTTTGTTTTATGTTTTTAA
 ATACAGAAATTGCTTTCACAAATTTGTACCACATGGTAATTCTAAGACTGTTCTTTACC
 CATGGAATGTAATATTTTTGCAAAGATGGACTACTTCACAAATGGTTATAAAGTCATATC
 CACTTCTCCACAATGACCACAGCAAATGACCAAGCATGAACTAAAGGTAAGATGTTTA
 CAGATTACTTTTCTACAAAAAATCTAGAAGACTGTGTTTAAATAGATATTTAAATG
 TTTTTGAGATTTAGTAACTGATTTTTTAGACACTGCCTATCGCATGAACTGTAAGCTGT
 GTGATTAGGTGTAATAATTTATAAGATATATGGACTGGGAATTTGATTATTCCTCCC
 TTTGAAAAAATAGTCCTAATAATTTGAACAAATATGTTAGTAATGATGGAACAGATCAAT
 GAAAAGTAGATATAGATATTGTGAAAATAGGCTGTTTAAACAAACAGATTGGAATAAAGCC
 TATTCTACCAGTTAACTACTTTAATACACATTCATTTTTAAAGAAAATGTTTGTTTAA
 CATAAATAACAAATCGTATCAGTGTGTTGTGAATAAAATACAAAAATGATTGTTAATGAT
 TGGTGCTCTTAAAGTGAGCTTAAATTTATCCAAGACGTATATCCAAATTTGCTCTGTAG
 TAATAGATTAATTCATAGATTGTTGGTGTGTTAAAGATCTGAAGTGTGAGTGAATGTA
 TTCAGCTGTTTAAACATGTAGTTTAGATATTCAAAAGTATGCATGTAGAATTTAAAGAATA
 TGTTAAAAATTAATCTTAATTTTTGTTTGGAAAAGCATGTTATAATATAATGTTTT
 CACAAAAA

Restriction Sites: Please inquire

ACCN: NM_003692

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_003692.2 , NP_003683.2
RefSeq Size:	2299 bp
RefSeq ORF:	1143 bp
Locus ID:	8577
UniProt ID:	Q8IYR6
Cytogenetics:	9q31.1
Domains:	kazal
Protein Families:	Transmembrane
Gene Summary:	May inhibit NODAL and BMP signaling during neural patterning (By similarity). May be a tumor suppressor in brain cancers.[UniProtKB/Swiss-Prot Function]