

## Product datasheet for **MC216978**

### **Tnfrsf8 (NM\_009401) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tnfrsf8 (NM_009401) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnfrsf8
Synonyms:	Cd30; D1S166E; Ki; Ki-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216978 representing NM\_009401  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGCCCTACTCACGCAGCGGGTGTCTGTTCTCGGGATGCTTCAAGCCTCCCAACGGATCGAC  
 CACTCAAGACCACCTGTGCCGAGACCTCAGCCACTACCCAGGGGAGGCTGCCAGGAACTGCTGTTACCA  
 GTGCCCTCAGGGTGTCTCCGACACAGCCATGCCACGGGGTCTGCCACTGCAGGAAGCAGTGTGCA  
 CCTGACTACTACGTCAATGAAGACGGGAAGTGCACAGCCTGCGTGACCTGTTTGCCAGGCCTTGTGGAGA  
 AGGCTCCGTGTTCCGGAACTCTCCTCGAATCTGTGAGTGTGAGCCTGGCATGCACTGCTGCACACCAGC  
 AGTCAATTCCTGCGCCCCTGCAAACCTCACTGTTCTGGAGAGGAGTGTCAAGTCTCCAGGCACAGCA  
 AAGAAGGACACTATCTGTGAGCTGCCTTCTCGGGATCTGGTCCCAATTGCTCCAATCCGGGTGACC  
 GCAAGACACTACTAGCCATGCCACTCCTCAGGCCATGCCTACTCTAGAATCCCCAGCCAATGACAGTGAAG  
 GAGCTTGCTGCCAATGCGTGTCCCAACCTTGTGCAGGAAGATGCTACTGAGTTGGTGAAGTTCCAGAA  
 TCTTCTCGTCCAAGGCAAGGGAGCCCAGTCCAGATCCAGGTAATGCAGAGAAGAATATGACCTTGGAGC  
 TTCCATCTCCAGGGACACTCCCTGACATCAGCACCTCAGAAAACAGCAAGGAGCCTGCAAGTACCGCCTC  
 CACCCTAAGCCTTGTGGTAGATGCCTGGACCAGCAGGATGCAGCCCACCTCTCCATTGTCCACGGGA  
 ACACCATTTCTGGATCCAGGGCCCGTCTTCTGGGTGGCCATGGTGGTGTACTGGTTGGCTCCGGCT  
 CCTTCTCCTGTGTTACTGGAAGCCTGTAGGAGGCGGTTCCAGCAGAAGTTTACCTGGACTACCTAGT  
 GCAGACCTTCCAGCCCAAGATGGAGCAGACAGATTCTGTCTACTGAAAAGCTAACCCAGCCACAGAGA  
 AGCGGGTCGGTGACAGATCCCAGCACGGGACACAAGTTGAGCCCAGTGAAGCCTCCTCCAGCTGTAGAGA  
 CTTGTGCCAGTGTGGGGCCACCTACCTGGAGAACCTGCCGCTGCTGGATGACAGCCCAGTGGGAATCC  
 TTTTTCTCCAGGGAACCTCCAGAGCCCCGGGTATCCACGGAACACACCAATAACAGGATTGAGAAAATC  
 TACATCATGAAGGCCGACACAGTGTGCTGGGCTCTGTAAAAACTGAAGTCCCTGAGGGCCGGGCTCCAG  
 CAGGGTCTACAGAGTCTGAGTTGGAAGCTGAACTAGAAGTGGACCATGCCCCCATACCCGGAGCAGGA  
 GACAGAACCACCTCTGGGCAGCTGCACTGAGGTGATGTTCTCGGTGGAGGAAGGAGGAAAAGAGGACCAT  
 GGGCCACGACTGTCTCTGAGAAG**TGA**

**ACGGGT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_009401

**Insert Size:** 1497 bp

**OTI Disclaimer:** 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](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_009401.2</a></u> , <u><a href="#">NP_033427.1</a></u>
<b>RefSeq Size:</b>	1575 bp
<b>RefSeq ORF:</b>	1497 bp
<b>Locus ID:</b>	21941
<b>UniProt ID:</b>	<u><a href="#">Q60846</a></u>
<b>Cytogenetics:</b>	4 78.17 cM
<b>Gene Summary:</b>	Receptor for TNFSF8/CD30L (PubMed:8543792). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa-B (By similarity).[UniProtKB/Swiss-Prot Function]