

## Product datasheet for **MC201466**

### Degs2 (NM\_027299) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Degs2 (NM\_027299) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Degs2  
**Synonyms:** 2210008A03Rik; AI852933; DES2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC016427 sequence for NM\_027299  
 GAACACTGCGCAGCGGAGAGCTCGTAGGGCTCCAACGTCCCCACCATGGGTAATAGCGCGGCCCGCAGC  
 GACTTCGAGTGGGTCTACAGCGACCAGCCGACACCCAGAGGCGCAAGGAGATGCTCGCCAAGTACCCAG  
 CCATCAAGGCCCTGATGCGGCCAGACCCTCACATCAAGTGGACTGTGTCGGGAATGGTACTGGTTCAGGT  
 GCTGGCCTGCTGGTTAGTACGGGACTCTCTTGCGGATGGCTGCTATTTGGGCCTATGCCTTTGGTGGC  
 TGCATCAACCACTCGCTGACACTGGCCATCCATGACATCTCGACAATACTGCCTTTGGCACAAGTTGTG  
 TCTCCCGAAACCCTGGTTTGCATCTTTGCTAATCTGCCATTGGCCTACCTTACGCTACATCCTTCAA  
 AAAGTACCATGTGGACCACCATCGTTACCTGGGTGGAGACGGGCTGGATGTGGATATTCCTACGAACTTC  
 GAGGGCTGGTTCTTCTGCACGCCGGCCGCAAGCTGCTCTGGCTGGTGCCTCAGCCTTCTTCTATTAC  
 TAAGGCCTCTCTGTGTAACCCCAAGGTAGTGACACGTATGGAGATCCTCAACGCCCTGGTGCAGCTAGC  
 ATTTGATGTACCATCTTTGCCCTCTGGGGATCAAGCCCATAGTCTACCTTCTAGGCAGCAGCCTCCTG  
 GGTCTGGCCTGCACCCTATCTCTGGTCACTTTGTGGCTGAGCATTATATGTTCCGAAGGGCCACGAGA  
 CTTACTCCTACTATGGACCCCTCAATTGGATCACCTTCAATGTGGGTTACCACATGGAACACCACGACTT  
 CCCCAGTATCCCCGGTTACTACCTGCCACTGGTGCGGAAGATTGCACCTGAATATATGACCACCTGCCG  
 CAGCACCCTCCTGGGTGAAAGTCTCTGGGACTTCGATTTTGAGGACTCTATGGGACCCTACTCCAGGG  
 TTAAGCGCAAGTGAAGCTGGCGAAGGACCACCTGTGAGCCCTGCCGACCAGTAGTCCAGATCGAGCAGC  
 CATAACGCTCCTGCCGTGTGCCTGCATCAGCTTCTGCAGTCTAAGCTGCTTCTGGGTCTGTTGTGCCCA  
 GCAAGTAGATAGATACAGAGTAACCAGGCTTACCTGAACCTTCTGGGTCTTAGCTATGACTGACCAGGTT  
 ACGGAGCAGGCAGTCCCACGGAGCTGCCTTCTCTATGCCGAAATTAATCTAATATGCCTTTATAAAA AAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_027299  
**Insert Size:** 972 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<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="#">BC016427</a></u> , <u><a href="#">AAH16427</a></u>
<b>RefSeq Size:</b>	1273 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	70059
<b>UniProt ID:</b>	<u><a href="#">Q8R2F2</a></u>
<b>Cytogenetics:</b>	12 F1
<b>Gene Summary:</b>	Bifunctional enzyme which acts as both a sphingolipid delta(4)-desaturase and a sphingolipid C4-monooxygenase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).