

## Product datasheet for RN204965

### Ddit4 (NM\_080906) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Ddit4 (NM\_080906) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Ddit4  
 Synonyms: Rtp801  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN204965 representing NM\_080906  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCTAGCCTTTGGGATCGTTTCTCGTCCTCCTCTTCTTTCGTCCTCGTCCCGAACTCCGGCCGCTG  
 ATCGGCCCGCCGCTCCGCCTGGGGTCTGCGCCAGAGAAGAGGGCCTTGACCGCTGCGCGAGCCTGGA  
 GAGCTCGGACTGCGAGTCCCTGGACAGCAGCAACAGTGGCTTTGGGCCGAGGAAGACTCCTCATACCTG  
 GATGGGGTGTCTGCTGCTGACTTTGAGCTGCTCAGTGACCCCGAGGATGAGCACCTGTGTGCCAACCTGA  
 TGCAGCTGCTGCAGGAGAGCCTGTCCCAGGCGCGATTGGGCTCGCGGCGCCCTGCGCGCCTGCTGATGCC  
 GAGCCAGCTGTTGAGCCAGGTGGCAAGGAACTCCTGCGCCTGGCGTACAGCGAGCCGTGCGGCCTGCGG  
 GGGCACTGCTGGACGTCTGTGTGGAGCAAGGCAAGAGCTGCCATAGTGTGGCTCAGTGGCTCTGGACC  
 CCAGTCTAGTGCCACCTTTAGTTGACCCTGGTGTGCTGCGTCTGGACTCTGCGCTCTGGCCCAAGATCCA  
 GGGCCTGTTGAGTTCTGCCAACTCTTCTTGGTCCCTGGTTACAGCCAGTCCCTGACGCTGAGCACCGGC  
 TTCAGAGTCATCAAAAAGAACTCTACAGCTCCGAGCAGCTGCTCATTGAAGAGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_080906  
 Insert Size: 690 bp



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<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="#">NM_080906.2</a></u> , <u><a href="#">NP_543182.1</a></u>
<b>RefSeq Size:</b>	1749 bp
<b>RefSeq ORF:</b>	690 bp
<b>Locus ID:</b>	140942
<b>UniProt ID:</b>	<u><a href="#">Q8VHZ9</a></u>
<b>Cytogenetics:</b>	20q11
<b>Gene Summary:</b>	HIF-1-responsive gene that may protect some types of cells from hypoxia and H(2)O(2)-triggered apoptosis [RGD, Feb 2006]