

Product datasheet for **RN215938**

Ddit3 (NM_024134) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ddit3 (NM_024134) Rat Untagged Clone
Tag: Tag Free
Symbol: Ddit3
Synonyms: CHOP; CHOP-10; Chop10; Gadd153; RM4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215938 representing NM_024134
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGCTGAGTCTCTGCCTTCGCCTTTGAGACAGTGTCCAGCTGGGAGCTGGAAGCCTGGTATGAGG
ATCTGCAGGAGGTCCTGTCTCAGATGAAATTGGGGCACCTATATCTCATCCCCAGGAAACGAAGAGGA
AGAATCAAAAACCTTCACTACTCTTGACCCTGCATCCCTAGCTTGCTGACTGAGGAGCCAGGGCCAGCA
GAGGTCACAAGCACCTCCCAAAGCCCTCGCTCTCCAGATTCCAGTCAGAGTTCTATGGCTCAGGAGGAAG
AAGAGGAAGATCAAGGAAGAAGTAGGAAACGGAACAGAGTGGTCAGTGCAGCCCGGGCTGGGAAACA
GCGCATGAAGGAGAAGGAGCAGGAGAATGAGAGGAAAGTGGCACAGCTTGCTGAAGAGAACGAGCGGCTC
AAGCAGGAAATCGAGCGCTGACCAGGGAGGTAGAGACCACACGGCGGGCTCTGATCGACCAGCATGGTCA
GTCTGCACCAAGCAT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_024134
Insert Size: 507 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).



OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_024134.2</u> , <u>NP_077048.2</u>
RefSeq Size:	813 bp
RefSeq ORF:	507 bp
Locus ID:	29467
Cytogenetics:	7q22
Gene Summary:	plays a role in the ER stress response [RGD, Feb 2006] Transcript Variant: This variant (2) lacks a segment in the 5' UTR, compared to variant 2. Variants 1 and 2 both encode the same protein.