

Product datasheet for RC232059

DDIT3 (NM_001195055) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DDIT3 (NM_001195055) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: DDIT3
Synonyms: AltDDIT3; C/EBPzeta; CEBPZ; CHOP; CHOP-10; CHOP10; GADD153
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC232059 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTTGTTCCAGCCACTCCCCATTATCCTGCAGATGTGCTTTCCAGACTGATCCAACCTGCAGAGA
TGGCAGCTGAGTCATTGCCTTTCTCCTTCGGGACACTGTCAGCTGGGAGCTGGAAGCCTGGTATGAGGA
CCTGCAAGAGGTCCTGTCTTCAGATGAAAATGGGGTACCTATGTTTCACCTCTGAAAATGAAGAGGAA
GAATCAAAAATCTTCACCACTCTTGACCCTGCTTCTCTGGCTTGCTGACTGAGGAGGAGCCAGAACCAG
CAGAGGTCACAAGCACCTCCCAGAGCCCTCACTCTCCAGATTCAGTCAGAGCTCCCTGGCTCAGGAGGA
AGAGGAGGAAGACCAAGGAGAACCAGGAAACGGAACAGAGTGGTCATTCCCAGCCCGGGCTGGAAAG
CAGCGCATGAAGGAGAAAGAACAGGAGAATGAAAGGAAAGTGGCACAGCTAGCTGAAGAGAATGAACGGC
TCAAGCAGGAAATCGAGCGCCTGACCAGGGAAGTAGAGGCGACTCGCCGAGCTCTGATTGACCGAATGGT
GAATCTGCACCAAGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC232059 protein sequence
 Red=Cloning site Green=Tags(s)

MELVPATPHYPADVLFQTDPTAEMAAESLPFSFGTLSSWELEAWYEDLQEVLSSENGGTYVSPGNEEE
ESKIFFTLDPASLAWL TEEPEPAEVTSTSQSPHSPDSSQSSLAQE EEEEEEQGRTRKRKQSGHSPARAGK
QRMKEKEQENERKVAQLAEENERLKQEI ERL TREVEATRRALIDRMVNLHQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

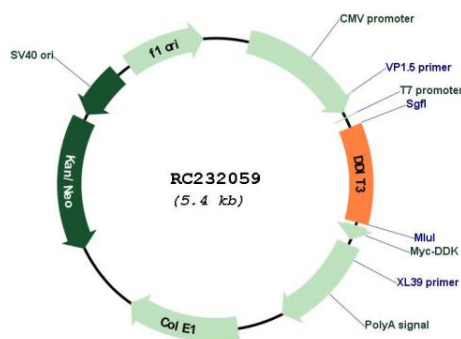


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UniProt ID: [P35638](#)
Cytogenetics: 12q13.3
Protein Families: Druggable Genome, Transcription Factors
Protein Pathways: MAPK signaling pathway
MW: 21.7 kDa

Gene Summary: This gene encodes a member of the CCAAT/enhancer-binding protein (C/EBP) family of transcription factors. The protein functions as a dominant-negative inhibitor by forming heterodimers with other C/EBP members, such as C/EBP and LAP (liver activator protein), and preventing their DNA binding activity. The protein is implicated in adipogenesis and erythropoiesis, is activated by endoplasmic reticulum stress, and promotes apoptosis. Fusion of this gene and FUS on chromosome 16 or EWSR1 on chromosome 22 induced by translocation generates chimeric proteins in myxoid liposarcomas or Ewing sarcoma. Multiple alternatively spliced transcript variants encoding two isoforms with different length have been identified. [provided by RefSeq, Aug 2010]

Product images:



Circular map for RC232059