

Product datasheet for SC202851

DDIT3 (NM_004083) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DDIT3 (NM_004083) Human 3' UTR Clone
Symbol:	DDIT3
Synonyms:	AltDDIT3; C/EBPzeta; CEBPZ; CHOP; CHOP-10; CHOP10; GADD153
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004083
Insert Size:	246 bp
Insert Sequence:	<p>>SC202851 3'UTR clone of NM_004083 The sequence shown below is from the reference sequence of NM_004083. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACCGAATGGTGAATCTGCACCAAGCATGAACAATTGGGAGCATCAGTCCCCCACTTGGGCCACTACTAC CCACCTTTCCAGAAGTGGCTACTGACTACCTCTCACTAGTGCCAATGATGTGACCCTCAATCCCACA TACGCAGGGGGAAGGCTTGGAGTAGACAAAAGGAAAGGTCTCAGCTTGTATATAGAGATTGTACATTTA TTTATTACTGTCCCTATCTATTAAGTGACTTTCTATGA ACGCGTAAGCGCGCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_004083.6</u>



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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]

Locus ID:

1649

MW:

8.9