

## Product datasheet for **SC200725**

### **DAP13 (NDUFA12) (NM\_018838) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	DAP13 (NDUFA12) (NM_018838) Human 3' UTR Clone
Symbol:	DAP13
Synonyms:	B17.2; DAP13; MC1DN23
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018838
Insert Size:	137 bp
Insert Sequence:	>SC200725 3'UTR clone of NM_018838 The sequence shown below is from the reference sequence of NM_018838. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> TGGATCCACCTTCAACACCTTACAAG <b>TA</b> AGACAATGAAGAACAGTTGAAACATGCAAAATATGGAGC TTTTCATGTAATTACTCTTTTACTGTTTACCATTCACTATAATTCACAATTTAAATTTGTGTGACTAAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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><a href="#">NM_018838.5</a></u>



[View online »](#)

**Summary:** This gene encodes a protein which is part of mitochondrial complex 1, part of the oxidative phosphorylation system in mitochondria. Complex 1 transfers electrons to ubiquinone from NADH which establishes a proton gradient for the generation of ATP. Mutations in this gene are associated with Leigh syndrome due to mitochondrial complex 1 deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2012]

**Locus ID:** 55967

**MW:** 5.4