

## Product datasheet for **SC213677**

### DIAPH2 (NM\_006729) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	DIAPH2 (NM_006729) Human 3' UTR Clone
Symbol:	DIAPH2
Synonyms:	DIA; DIA2; DRF2; POF; POF2; POF2A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006729
Insert Size:	1283 bp



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**Insert Sequence:** >SC213677 3' UTR clone of NM\_006729  
 The sequence shown below is from the reference sequence of NM\_006729. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

TCGCCACAATGGAGCTATCTCATCTAAG**TGA**TTTCCTGATGCCAAAGAATATGAAAATATTTAAGTAAAA  
 CAAAATGATGCATTTTGAAGAAGCAAAGTGTGCACTCAGCGGCTGAAAAGGAAATAAGTGCATTTCTGC  
 AAAGATCAAGATAAGCTGGATGAAGTAGTGTGCAATTTGTAATACTATTGCAAGACTCCTCCACAATTAT  
 TCTAATCTGAACACAGTTATCAGGATTACAAAATGTGTCCATTTTAGTGTAAAGATGTGTATCATTGT  
 AATTGTGTGTGACCTGACTGTGATGATGGAAGTGAAGAAATTGAAGAGTTCTAAGGCTTTCAAAAACAC  
 TCAGTCAAAAATTTAAAATCTTAAATGTGTAAGTCAACCCACCAAAAACAAAAGAGAAGAAAAAGAATA  
 GAAAGAATTATCCAGTGCAGCTCCAATCCCTAGTACATATATAATAGAAAAGGCCAAGAAAAATATG  
 CATCTTGATTTGGAGAGAGGCTAATATTATGCACACTGTAAAGAGAAGCCATTTTGAAAATTCACGAAAGT  
 ACTGCTCACCCAGTTGAGTTATTTAGAATTTTATCTCAAGTAAAAGCTGATGGATTCTCTGCTTTGG  
 CTGAAATTAACCTTATCATTAGTCTAGCTAGCATTTCAGCATGATATTGCAAGCACTTCTCATTGCTAAA  
 AATAAATAAACCAAAGTTAACCGAATCAGTTAGGAAAAGTGATTTAACTTTATTTAAAGAGGTATTTT  
 CTAATTATGCACAGATATCTACTTTATACAAACTTTTATATGGCTATTTTTGAGAAAACCTCACATTT  
 TAATGTTTATGCTAGGGATGAACCTGAAAATTCATTACGTTTATTTAGATTTCAAAGGCAAATATTGAT  
 TCCTATGCTCTGTGGTTTATTTCTTTTTCTATTGCTTCTTTCCCTTGAGTCCCTGAAGGCAGGGAA  
 TAGACTTCTAGAAAACCTGAGAGGAAAAGAATTCTTTTTACAGGAGGCAGCAAAAACCTGTGAAAGG  
 TCAATTGTTTTATCTCCCTTTCCACTCTTTCCAATTTCACTTTGGTGGTCTGAAGAAGAAAAAGAAAT  
 TTTATGTATGTATGTGTAATATGTGTATATTTCTATCTCTTGCTACAATAATTCCAACCTAAGTGAAC  
 TTCTCAATTATCATCACTTACTTACCTTATATTAACAAATTAAGATGATGCTGCCAAAACAAGTCTAG  
 CAGGGAAAACAGGTTCTACATTT

**ACGCGT**AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

**Restriction Sites:** SgfI-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:** [NM\\_006729.4](#)

**Summary:** The product of this gene belongs to the diaphanous subfamily of the formin homology family of proteins. This gene may play a role in the development and normal function of the ovaries. Defects in this gene have been linked to premature ovarian failure 2. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Locus ID:** 1730