

Product datasheet for **SC216730**

DIAPH1 (NM_001079812) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DIAPH1 (NM_001079812) Human 3' UTR Clone
Symbol:	DIAPH1
Synonyms:	DFNA1; DIA1; DRF1; hDIA1; LFHL1; SCBMS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001079812
Insert Size:	1860 bp



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Insert Sequence: >SC216730 3'UTR clone of NM_001079812
 The sequence shown below is from the reference sequence of NM_001079812. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCAAGGAGTTGGTTGGCCGTGCAAGCTAATGTGGGTCTGTGACCGCGGCAGCTCCTCAGCGGAGCCG
CAGACTGTCTGCCCTGCAGCATGTGCCTAAAGGCTCAAGGGGATATTCTCTGGGGTGGCCACTCCCA
CCACCCTGACCCTGTCTTTCTCTCTGGCCTGTCTCTCAACATCACATACAGCTTACAGTGCCTGG
AGGCCAGAAGGAAAGGGCAGTGCAGGGGAGGCCTGAGCCCGACTTAGCCAGCCCTGGCTGTTGTATTAC
CAAAGCAGGGTCCATGTTTGTGCCTTAACCCTGTCTCCTCTCTGTTACTCAGAGGGCCTCATCTCAGA
CAAGGCCAGCCTGCTTTTTCTCAGCCCTGACTTTCTAATGGGCTTTCCCCCTAGGTGAGTCTTGCTG
GATTTGTGCTTTTCTTTGTGGTTTCTCTGGCCCTGAGAAATAGCATGGGCTTGTAAACCTTTGGGCTA
GATCCCTCCTTTATTGTGTTGTCTGTCTCTCCCTCTCTGGCTGTGGTTATTTATTATTAGTGGT
GTGGCACTGGGAGCTGCTCCTAAGGAAGCAGGGAGCAAATCCCACCTTTACCCACCTTCTCTGGGAAAG
GCCTCAAAGCAAAGGATCTGGACCAGTTTCCCTGCTGTGCTGTGGCCAGGCCAGGCCTGTGGGCAG
GCAGGCAGGGCATAGCGACAGTGTGGGACCTGCCCCAGCTTCTGCCACGCTTTATGCCCTTGCCTCTC
TGGACGCTCTGCACCAACCCAGGCTACTGAGCCACCTTCCCTCCTCATGCCTTCCCTGAGCTTTGGTG
CATCTCATCTGGACTATGGGTTGACTGTGACCATCCCAACACCTCACCTCTGTCTACAAGGAAATGG
GAGGTGGAGCCTCCTGGCTGAGAAATGTTTTGCAATGGATCTATTTTTGTATGAAAAAAAAAATTTT
TTTAAAGAAAACGTTCCTTCCCCTTTCCCCTCCATAATGTAAGAAGCTTTGGTGGCAGGTTACAGAG
TTCTGGGATTTCTTCTCACAGGCCAATCCTGAATGTGCCCTGGACCTTCTGGACCTTGAGTCCAAAG
GCAGATCCTCTCTCCAGGGAATCCGACACAGGAGGAACCCCTTCTCTGGTTGAGCTGGGCCAGGCCTA
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ATGCTAACTGGACATTCTGGGAACTGGGCACCAGGAGTGCCTTCATACACTGTACCCACGCTCTCTTC
TAAAGAGAAGTGGTGGGCACACTGAACTGTTTGGTGGCCCAACCACAGGAAGCTGCAATTCTCTGG
CTTAGGGTGATACTTTTGCCTCCTTGTGCCCTCTCAGCTTTCCATCCCAGCTAGGAAGAAAGAAATG
GCACTCTTGGGCTTGGCCAGAATTAGAGTTATTAGAGCAAGAGAGAGCTTAGGAAGCATGAGGGCAAC
TATAGTGAGGCCATTATTGCCAGGAGGGAGGTTTTGGTTGCTGGCGCTTGTGTATAAAGGGCAAGAGC
AGCTCCTTTGACTATTCTGGGAGGACTCTGATGCAGGGCGTCTGTTGCTCCCCTGGGTACCTCCTC
CCTGCTCCTGACATCTGGGGCTTTGACCTTTCTTTTTAATCTACTTTTGCTAAGATGCATTTAATA
AAAAAAAAAGAGAGAGAGAGAGAGGTGTGAGGGACAAAATGCAAACCTATTTCCCTTGCCTCATAGGCTT
CTGGGATGTCATCACCTCCAGTTTGTGGTTTTGTTTCCAACGTTAATAAAGCATTGAAACAGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001079812.3](#)

Summary:

This gene is a homolog of the *Drosophila* diaphanous gene, and has been linked to autosomal dominant, fully penetrant, nonsyndromic sensorineural progressive low-frequency hearing loss. Actin polymerization involves proteins known to interact with diaphanous protein in *Drosophila* and mouse. It has therefore been speculated that this gene may have a role in the regulation of actin polymerization in hair cells of the inner ear. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

1729

MW:

68.6