

Product datasheet for **SC216752**

DPPA4 (NM_018189) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DPPA4 (NM_018189) Human 3' UTR Clone
Symbol:	DPPA4
Synonyms:	2410091M23Rik
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018189
Insert Size:	1874 bp



[View online »](#)

Insert Sequence: >SC216752 3'UTR clone of NM_018189
The sequence shown below is from the reference sequence of NM_018189. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GTCTTAATAAAAAAGCCTCCAATGGGAAGAATATCAGGAAAAAGGCCACATCTATGGTAATTAATGGC
AGAAAAGCTGGAGAGTTGGATTCTGCGGTGCTGCTGACAGGTGAACTCTGGTCCTCTGCACCTGTTTAT
GGGCCATGCAGACTGGTGGGGTGGCAGATGTTAGCCTAAGACCCCTAGCAGTGCCTGTTGCTTTGTGAG
TGGAGATAGAGACTCTTACATTTAAAAATGAAAAACATTTACAAATTACCATAAATTGTAGTTAATA
TGTAGAAAAACTCATTCACTACTTTTCTAAATAGACATGACTTCAGCAGCAGCTTTTTTTTGTGT
ATTTTGAGACAGTGTCTCACTGTTGCCAGGCTGGAGTGCAGTGGTGAATCTCAGTTCAGTGAATCT
CCGCCTCTGGGTTCAAATGATTCTCTGCCTCAGCCTCTGAGTAGCTAGGTACAGGCACCTGCCACC
ACCCCAGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTACCATGTTGGCCAGGTTGGTCTCAAA
CTCCTGGACTCAAGTGATCACCTCCTCAGCCTCCCAAAATGCTGGGACTATGGGCATGAGCCCTGCG
CCTGACCTTCAACAGCTCTTTAAGTGAGTTCTTCAGCTAAGCATTGTGATGGACTTGAGTAAATGGT
AGTTGGCTCTTGCTCAATTTCTCTTCTGAACTGACTACTTTAGGAGCTGCTTCAATCCAAT
TGCAATTTCAAAAACGTAAAGTATTTAAGGCAAAGAAAGGCTGTTAATCCCTCCCTCCCCAAACA
CATGATTTTAAATATTCTAAACAATATTTTCAAAGTTCTCTTAATAACCTGAGATTTCTATGGTTTGA
CTCCAGGATCAAAACACAAGGGACTTTGTATTATTTCACTTATAATTGTTTTGTATTTCTGGAGTTT
AAAATGTTTAAGGTTGCTTCCCGCTCATAAATACATAATATTTGAATTTAAATGTGTTTATTAACCG
ATTCTCCATAAATAAAAAAAGATGTGTATGTAATAATTCATCTGTTGATTTAGAGAACCATATTC
ATTGCATGCAAAATTTTATTGTTAGTGTTCTTAACCTCAAGTAGGAGTAAACCAAAAAGTGATTTTTCT
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AGGTTTGGGAAAGAATCCTCAAAAATGTTAAAGCAAGGGAGGAAAGTTTGTGAGAAGCAAGATGTTCT
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TTTCTTATACTATGTGTATTGTTCTTTTCTTTTAACTTCTCCCTGCTTTATTGGATGGG
TCAAGTTTCTGTTCTGTTTCTTCTTCTATTAAATTTGAAATGTCCTTGGCTTTACGATTCTGCTTG
TAGATACTTCCCCTGCTTCTAACACATTCAATAAACTTAAATTTCTCTATATACAAAATAAATAATA
ATTGGAGTCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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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: [NM_018189.4](#)

Summary:

This gene encodes a nuclear factor that is involved in the maintenance of pluripotency in stem cells and essential for embryogenesis. The encoded protein has a scaffold-attachment factor A/B, acinus and PIAS (SAP) domain that binds DNA and is thought to modify chromatin. Mice with a homozygous knockout of the orthologous gene die during late embryonic development or within hours after birth. Knockout embryos are normal in size at embryonic day 18.5 but exhibit skeletal and lung tissue abnormalities. This gene, when mutated, is highly expressed in embryonal carcinomas, pluripotent germ cell tumors, and other cancers and is thought to play an important role in tumor progression. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017]

Locus ID:

55211

MW:

71.1