# DPPA2 cDNA Clone – Developmental Pluripotency Associated 2 (Human)

## PRODUCT OVERVIEW

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| **Product Name** | DPPA2, cDNA Clone |
| **Full Product Name** | DPPA2 cDNA Clone |
| **Product Gene Name** | DPPA2 cdna clone |
| **Sequence** | atgtcagatg caaatttgga tagcagcaag aagaatttct tggaggggga agtagatgat gaggaaagtg tgattttgac actggtgcca gttaaagatg acgcaaatat ggaacaaatg gaaccaagcg tttcttcaac ttctgatgtc aaactggaga agcctaagaa atacaatcca ggtcatctac ttcaaacaaa tgagcaattt acagctccac aaaaagctag atgcaaaata ccagcccttc ccttgccgac cattttgcct cccattaata aggtgtgtcg ggacactttg cgggactggt gtcaacaact cggtttgagt actaatggca agaaaatcga agtttatctg aggcttcata ggcatgctta ccctgaacaa cggcaagata tgcctgaaat gtcacaagag accagattac agcgatgttc gaggaaacgc aaggcagtga ccaagagagc aaggcttcag agaagttatg agatgaatga gagagcagaa gagaccaata cagttgaagt gataacttca gcaccgggag ccatgttggc atcatgggca agaattgctg caagagctgt tcagcctaag gctttgaatt catgttccat tcctgtttct gttgaggcct ttttgatgca agcctctggc gtcaggtggt gtgtggtcca tggcagactt ctctcggcag acacaaaggg ttgggtacgc ctgcagtttc atgcaggtca ggcctgggtg cctaccactc acaggaggat gatttctctc ttcttgttac ctgcctgcat tttcccatcc ccaggcatag aagataatat gttatgcccc gactgtgcta agaggaataa gaagatgatg aaaagattaa tgacagtaga gaagtag |
| **Molecular Weight** | 33,784 Da |
| **OMIM** | 614445 |
| **Vector** | pENTR223.1 or pUC |
| **Clone Sequence Report** | Provided with product shipment |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for DPPA2 cdna clone** | MBS1275870 is a cDNA clone targeting DPPA2. |
| **Other Notes** | Small volumes of DPPA2 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DPPA2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 17390150 |
| **NCBI GeneID** | 151871 |
| **NCBI Accession #** | BC018070 |
| **UniProt Secondary Accession #** | Q8WVF0 |
| **UniProt Related Accession #** | Q7Z7J5 |
| **NCBI Official Full Name** | Homo sapiens developmental pluripotency associated 2, mRNA |
| **NCBI Official Synonym Full Names** | developmental pluripotency associated 2 |
| **NCBI Official Symbol** | DPPA2 |
| **NCBI Official Synonym Symbols** | CT100; PESCRG1; ECAT15-2 |
| **UniProt Protein Name** | Developmental pluripotency-associated protein 2 |
| **UniProt Synonym Protein Names** | Pluripotent embryonic stem cell-related gene 1 protein |

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|---|---|
| **Protein Family** | Developmental pluripotency-associated protein |
| **UniProt Gene Name** | DPPA2 |
| **UniProt Synonym Gene Names** | PESCRG1 |
| **UniProt Entry Name** | DPPA2_HUMAN |
| **NCBI Protein Information** | developmental pluripotency-associated protein 2 |
| **UniProt Comments for DPPA2** | DPPA2: Binds to target gene promoters, including NKX2-5 and SYCE1, but not GATA4, and may be involved in the maintenance of the active epigenetic status of these genes.<br><br>Protein type: Cancer Testis Antigen (CTA)<br><br>Chromosomal Location of Human Ortholog: 3q13.13<br><br>Cellular Component: nucleus |
| **Research Articles on DPPA2** | **1.** results showed that DPPA2 expression was significantly correlated to the depth of tumor invasion and progression of tumor cells through advanced stages in colorectal cancer. |
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