

Product datasheet for **SC302388**

DPPA5 (NM_001025290) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DPPA5 (NM_001025290) Human Untagged Clone
Tag: Tag Free
Symbol: DPPA5
Synonyms: ESG1
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001025290 edited
 ATGGGAACCTCTCCCGGCACGTAGACATATCCCGCCGTGGGTGAAAGTTCCCGAAGACCTG
 AAAGATCCAGAGGTGTTCCAGGTCCAGACGCGGCTGCTGAAAGCCATTTTCGGCCCGGAC
 GGATCTCGAATCCCTTACATCGAGCAGGTGAGCAAGGCCATGCTCGAGCTGAAGGCTCTG
 GAGTCTTCAGACCTCACCGAGGTCGTGGTTTACGGCTCCTATTTGTACAAGCTCCGGACC
 AAGTGGATGCTCCAGTCCATGGCTGAGTGGCACCGCCAGCCAGGAGCGAGGGATGCTC
 AAAGTGGCAAGCCATGAATGCCCTCGAAGTCCGCTTGGATGAAGTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_001025290 unedited
 TCCAGTCAAAATTGTATACGACTCATATAGGCGCCGCGNAATTCGATCTGGTACCGAGC
 TCGGATCCACTAGTAACGCGCCAGTGTGCTGGAATTCGCCCTTATAAGATGGGAACCTC
 TCCCGGCACGTAGACATATCCCGCCGTGGGTGAAAGTTCCCGAAGACCTGAAAGATCCAG
 AGGTGTTCCAGGTCCAGACGCGGCTGCTGAAAGCCATTTTCGGCCCGGACGGATCTCGAA
 TCCCTTACATCGAGCAGGTGAGCAAGGCCATGCTCGAGCTGAAGGCTCTGGAGTCTTCAG
 ACCTCACCGAGGTCGTGGTTTACGGCTCCTATTTGTACAAGCTCCGGACCAAGTGGATGC
 TCCAGTCCATGGCTGAGTGGCACCGCCAGCCAGGAGCGAGGGATGCTCAAAGTGGCCG
 AAGCCATGAATGCCCTCGAAGTCCGCTTGGATGAAGTGAAGCCAGTTTCCAGCCAAATGC
 AATGAAGCCGGGTTGCAGAGATTAGGTTGTGGCCAGAGAAGGGCGAATTTGCAGATATC
 CATCACACTGGCCGCGCTCGAGCATGCATCTAGATTGCGGCCGCGGTATAGCTGTTTC
 CTGAACAGATCCCGGGTGGCATCCTGTGACCCCTCCCAAGTGCCTCTCCTGGCCCTGGN
 AAGTGGCACTCCAGTGCCACCAGCCTTGTCTAATAAAATTAAGTTGCATCATTTTGTCT
 TGACTAGGTGTCCTTCTATATATTATGGNGTGGAGGGGGTGGGAATGGGAACCAAGGGGC
 AAGTTGGGGAAGACAACCTGTTAGGGCCTGCCGGGTCTATTGGGAACCAAGCTGGATTG
 CAGTGGCCCAATCTTGGCTTACTGCAATCTTCGCTTCTGGGTCCAGCCATTCCTCTG
 CCTCAA

Restriction Sites: Please inquire



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ACCN:	NM_001025290
Insert Size:	350 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001025290.1 , NP_001020461.1
RefSeq Size:	612 bp
RefSeq ORF:	351 bp
Locus ID:	340168
UniProt ID:	A6NC42
Cytogenetics:	6q13
Gene Summary:	<p>This gene encodes a protein that may function in the control of cell pluripotency and early embryogenesis. Expression of this gene is a specific marker for pluripotent stem cells. Pseudogenes of this gene are located on the short arm of chromosome 10 and the long arm of chromosomes 14 and 19. [provided by RefSeq, Dec 2010]</p>