

## Product datasheet for TP322509L

### DPPA5 (NM\_001025290) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human developmental pluripotency associated 5 (DPPA5), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222509 representing NM_001025290 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MGTLPARRHIPWVKVPEDLKDPEVFQVQTRLLKAIFGPDGSRIPYIEQVSKAMLELKALESSDLTEVV YGSYLYKLRTKWMLQSMAEWHRQRQERGMLKLAEMNALELGPWMK  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	13.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001020461</a>
Locus ID:	340168
UniProt ID:	<a href="#">A6NC42</a>
RefSeq Size:	612
Cytogenetics:	6q13

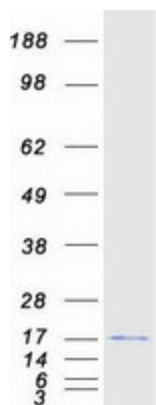

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RefSeq ORF: 348

Synonyms: ESG1

**Summary:** 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]

### Product images:



Coomassie blue staining of purified DPPA5 protein (Cat# [TP322509]). The protein was produced from HEK293T cells transfected with DPPA5 cDNA clone (Cat# [RC222509]) using MegaTran 2.0 (Cat# [TT210002]).