

Product datasheet for **TP322509M**

DPPA5 (NM_001025290) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human developmental pluripotency associated 5 (DPPA5), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC222509 representing NM_001025290
Red=Cloning site Green=Tags(s)

MGTLPARRHIPPWVKVPEDLKDPEVFQVQTRLLKAIFGPDGSRIPYIEQVSKAMLELKALESSDLTEVV
 YGSYLYKLRTKWMLQSMAEWHRQRQERGMMLKLAEAMNALELGPWMK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: [NP_001020461](#)
Locus ID: 340168
UniProt ID: [A6NC42](#)
RefSeq Size: 612
Cytogenetics: 6q13



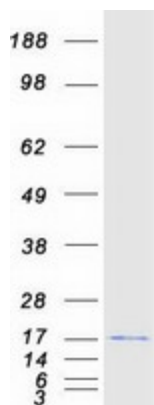
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RefSeq ORF: 348

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]).