

Recombinant Human DPPA5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DPPA5-851H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPPA5 MS Standard C13 and N15-labeled recombinant protein (NP_001020461) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	13.3 kDa
AA Sequence	MGTLPARRHIPPWVKVPEDLKDPEVFQVQTRLLKAIFGPDGSRIPYIEQVSKAMLELK ALESSDLTEVVVYGSYLYKLRTKWMLQSMAEWHRQRQERGMLKLAEAMNALELGP WMKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DPPA5 developmental pluripotency associated 5 [Homo sapiens (human)]

Official Symbol DPPA5

Synonyms developmental pluripotency associated 5; 19201; Ensembl:ENSG00000203909; developmental pluripotency-associated 5 protein;embryonal stem cell specific gene 1; ESG1

Gene ID 340168

mRNA Refseq NM_001025290

Protein Refseq NP_001020461

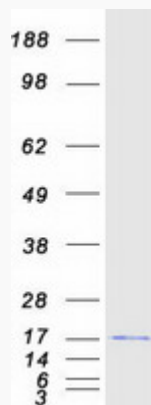
MIM 611111

UniProt ID A6NC42

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SDS-PAGE

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